



Formosa Plastics®

Formosa Plastics Corporation, Texas  
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July 31, 2019

Certified Mail: 7018 2290 0000 0529 7439

Air Section Manager, Region 14  
Texas Commission on Environmental Quality  
6300 Ocean Drive, Suite 1200  
Corpus Christi, Texas 78412

RE: Formosa Plastics Corporation, Texas  
TCEQ Air Quality Account No. CB-0038-Q  
North FTIR Quarterly Report (April 2019 through June 2019)

Dear Air Section Manager:

Please find attached the North FTIR quarterly report. The North FTIR and associated equipment were installed as a Supplemental Environmental Project as required by TCEQ Docket No. 2000-1144-AIR-E. This report includes FTIR data from April 1, 2019 through June 30, 2019. This report is designed to be similar to the Point Comfort FTIR Quarterly Report in order to maintain reporting consistency.

During the second quarter of 2019, the north FTIR site had no confirmed exceedances of the trigger level based on [block] 30-minute averages or [running] 30-minute averages occurred.

Should you have any questions please contact Vanessa Peppers by e-mail at [VanessaP@ftpc.fpcusa.com](mailto:VanessaP@ftpc.fpcusa.com).

Sincerely,

Rick Crabtree  
Vice President/General Manager  
Formosa Plastics Corporation, Texas





To: Stephanie Schmidt-Mayfield  
Formosa Plastics  
Point Comfort, Texas

From: Bryan Benaway (512) 934-1752

Date: July 26, 2019

Subject: Formosa Point Comfort (FPC) and Formosa North (FNorth) Ambient Air  
Monitoring Station (AAMS) Gas Challenge Results for April - June 2019

Gas challenges are performed weekly against the OP-FTIR instrument with gases containing the target compounds listed in Table 1. The number of gas challenges performed was limited by instrument and gas standard availability. Because of its corrosive nature, hydrogen chloride (HCl) was purchased in a separate cylinder and was injected in the calibration cell separate from the rest of the target compounds. The remaining target species, all being volatile organic compounds (VOCs), are contained within a single gas cylinder located at each site. Tables 1 and 2 list the challenge compounds and their expected spike concentrations. The expected spike concentrations are arrived at by multiplying the certified cylinder concentrations by the ratio of the calibration cell path length to the open path length (0.15m/270m at FNorth and 0.15m/314m at FPC). This would be the molecular density (concentration by volume) if the molecules in the cell were instead evenly distributed across the entire beam path.

Gas challenges were only able to be conducted for 3 days in April. Spectrum has determined that faulty solenoid valves are responsible for the loss of several challenge gases over the past several months. Due to the custom nature of these gas standards, the typical lead time from the manufacturer is approximately 2 months. Spectrum has purchased new standards which were transported to each site during the June 27<sup>th</sup> site visit. Spectrum has also ordered industrial grade solenoid valves which should hold up to the continuous duty cycle required with corrosive gases.

In the interim, Spectrum leaves the gas standard bottles closed and relies on a local contractor to open the bottles before performing QC challenges, and then closing the bottles once the QC challenge is completed. Gas challenges resumed on July 8, and while trying to have the contractor go to the sites weekly, scheduling conflicts occasionally arise and challenges must be delayed. Once the new solenoid valves arrive, they will be installed during the next site visit and more regular challenges will resume.



**Table 1. Formosa North OP-FTIR Gas Challenge Mixtures**

<b>Compound</b>	<b>Compound FTIR Code</b>	<b>Expected Spike Level (ppm)</b>
1,3 Butadiene	BUT	0.042
Benzene	C6H6	0.103
Ethylene	C2H4	0.041
Ethylene Oxide	ETO	0.081
Vinyl Chloride	VCl	0.041
1,2 Dichloroethane	EDC	0.082
Hydrogen Chloride	HCl	0.023

All of the gas challenges performed for the quarter resulted in acceptable recoveries at FNorth with the following exceptions:

- EDC recovered high on 4/25/2019

**Table 2. Formosa FPC OP-FTIR Gas Challenge Mixtures**

<b>Compound</b>	<b>Compound FTIR Code</b>	<b>Expected Spike Level (ppm)</b>
1,3 Butadiene	BUT	0.064
Benzene	C6H6	0.129
Ethylene	C2H4	0.066
Ethylene Oxide	ETO	0.129
Vinyl Chloride	VCl	0.064
1,2 Dichloroethane	EDC	0.129
Hydrogen Chloride	HCl	0.018

All of the gas challenges performed for the quarter resulted in acceptable recoveries at FPC





Analyte spike recovery is expressed as a percentage and calculated by taking the ratio of the actual spike value divided by the expected spike value. The actual spike is calculated by averaging the equilibrium points during a run.

### Conclusion

Recovery statistics for the quarter are presented in Tables 3 and 4. At the bottom of the table, average recoveries for each compound (for the quarter) are given. Individual results are color-coded. **Green** highlights indicate that recovery fell within the 70% to 130% range, while results highlighted in **yellow** fell within a 50% to 150% range. Results outside of the 50% to 150% range are highlighted in **red**.

**Table 3. Recovery Percentages Summary for 2<sup>nd</sup> Quarter 2019 at FNorth**

Date	C6H6	ETO	EDC	C2H4	BUT	VCI	HCI
4/5/2019	101	113	100	102	104	108	95
4/15/2019	116	87	81	109	102	120	92
4/25/2019	84	94	135	99	125	111	104
Q2 2019Averages	100	98	105	103	110	113	97

**Table 4. Recovery Percentages Summary for 2<sup>nd</sup> Quarter 2019 at FPC**

Date	C6H6	ETO	EDC	C2H4	BUT	VCI	HCI
4/5/2019	88	90	120	105	101	110	125
4/15/2019	90	71	105	103	107	100	114
4/30/2019	73	112	86	104	107	103	123
Q2 2019Averages	84	91	104	104	105	104	121



**Formosa Plastics Corporation, Texas**  
**Summary of North FTIR Downtime**  
**2nd Quarter 2019**

<b>Date(s)</b>	<b>Cause(s)</b>	<b>Corrective Action(s)</b>
5/3/2019-5/4/2019 5/8/2019-5/11/2019 5/14/2019-5/15/2019	Data loss due to FTIR system failure.	Data collection resumed when system recovered and restarted.

**Formosa Plastics Corporation, Texas**  
**2nd Quarter 2019 North FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels**  
**Validated Exceedances of the 30-Minute Block Averaged Trigger Levels\*\***

Month/Year	Date*	Time	Chemical	Concentrations (ppb)	Trigger Limit (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			There were no validated exceedances in the second quarter of 2019.				

Please Note: Polar plots generated by FPC-TXs' FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.

Formosa Plastics Corporation, Texas

2nd Quarter 2019 North FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels

Validated Exceedances of the 30-Minute Running Averaged Trigger Levels \*\*

Month/Year	Date	Time	Chemical	Concentrations	Trigger Limit	Wind Speed	Wind Direction
			There were no validated exceedances in the second quarter of 2019.				

Please Note: Polar plots generated by FPC-TXs' FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.



**Formosa Plastics Corporation, Texas**  
**Emergency Activation Release System (EARS) - SUMMA Canister Results**  
**2nd Quarter 2019**

Date	SUMMA Canister Station	Chemical	Concentrations (ppb)	Detection Limits (ppb)
		Vinyl Chloride	There were no EARS events during the second quarter of 2019.	
		Ethylene Dichloride		
		Benzene		
		1, 3 Butadiene		
		Ethylene		



**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
April 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
April 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
4/1/2019	100	6007	259	1.86	BDL	0.00012	BDL	0.00057	0.00008	0.00018	BDL	6.6	29
4/2/2019	100	7334	266	1.77	BDL	0.00025	BDL	0.00012	BDL	0.00046	BDL	5.6	116
4/3/2019	92	12638	245	1.66	BDL	0.00013	BDL	0.00026	0.00009	BDL	BDL	9.0	116
4/4/2019	77	16888	243	1.55	BDL	0.00013	BDL	BDL	BDL	BDL	BDL	6.5	177
4/5/2019	46	18326	287	1.67	BDL	0.00007	BDL	BDL	BDL	0.00004	BDL	3.7	129
4/6/2019	90	18120	250	1.54	BDL	0.00014	BDL	0.00044	BDL	0.00006	BDL	11.0	137
4/7/2019	98	15144	253	1.55	BDL	0.00034	BDL	0.00010	BDL	0.00015	BDL	1.1	154
4/8/2019	100	12348	297	1.79	BDL	0.00017	BDL	0.00030	BDL	0.00028	BDL	6.6	301
4/9/2019	100	15027	298	1.78	BDL	0.00032	BDL	0.00015	BDL	0.00033	BDL	5.3	214
4/10/2019	100	15905	293	1.65	BDL	0.00031	BDL	0.00063	0.00023	0.00015	BDL	15.1	171
4/11/2019	100	17272	280	1.64	BDL	0.00023	BDL	0.00046	0.00010	0.00004	BDL	7.3	169
4/12/2019	100	14266	275	1.72	BDL	0.00065	BDL	0.00059	0.00008	0.00059	BDL	7.7	79
4/13/2019	100	14808	270	1.61	BDL	0.00018	BDL	0.00016	BDL	0.00014	BDL	3.4	270
4/14/2019	100	6576	275	1.73	BDL	0.00022	BDL	0.00044	0.00006	0.00016	BDL	7.7	321
4/15/2019	100	12073	272	1.66	BDL	0.00015	0.00070	0.00025	0.00013	0.00029	BDL	10.8	159
4/16/2019	100	15820	262	1.62	BDL	0.00024	BDL	0.00021	BDL	0.00016	BDL	14.3	148
4/17/2019	100	17679	232	1.52	BDL	0.00038	BDL	BDL	BDL	BDL	BDL	15.0	144
4/18/2019	94	12959	262	1.62	BDL	0.00022	BDL	0.00025	BDL	0.00004	BDL	6.0	336
4/19/2019	98	7727	279	1.75	BDL	0.00034	BDL	0.00047	BDL	0.00058	BDL	9.9	332
4/20/2019	100	8653	263	1.66	BDL	0.00019	BDL	0.00020	0.00008	0.00016	BDL	5.5	161
4/21/2019	100	14140	260	1.55	BDL	0.00027	BDL	0.00030	0.00011	0.00043	BDL	14.0	151
4/22/2019	100	15044	252	1.53	BDL	0.00027	BDL	0.00013	BDL	0.00008	BDL	12.9	136
4/23/2019	100	15749	240	1.49	BDL	0.00026	BDL	BDL	BDL	0.00021	BDL	12.3	136
4/24/2019	92	16434	230	1.47	BDL	0.00024	BDL	0.00013	BDL	0.00017	BDL	10.4	137
4/25/2019	100	11445	237	1.57	BDL	0.00035	BDL	BDL	BDL	0.00016	BDL	7.7	331
4/26/2019	100	11930	246	1.67	BDL	0.00032	BDL	0.00022	BDL	0.00034	BDL	1.8	203
4/27/2019	100	13583	238	1.53	BDL	0.00023	BDL	0.00024	BDL	0.00010	BDL	11.6	168
4/28/2019	100	14349	235	1.48	BDL	0.00028	BDL	0.00007	BDL	0.00039	BDL	12.1	150
4/29/2019	100	16902	219	1.42	BDL	0.00015	BDL	0.00008	BDL	0.00011	BDL	13.3	146
4/30/2019	98	17657	211	1.38	BDL	0.00018	0.00025	0.00008	0.00025	0.00005	BDL	16.9	147

## Daily Processed Summary (Average, Maximum)

Average	96	13760	258	1.61	BDL	0.00024	0.00003	0.00023	0.00004	0.00020	BDL	5.5	147
Maximum Value	100	18326	298	1.86	BDL	0.00065	0.00070	0.00063	0.00025	0.00059	BDL		

BDL = Below Detection Limit

Blank = Not Available



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/01/19 12:30 AM	6060	250	1.86	ND	ND	ND	ND	ND	ND	ND	4.5	56
04/01/19 01:00 AM	6087	249	1.74	ND	ND	ND	ND	ND	ND	ND	4.7	58
04/01/19 01:30 AM	6053	249	1.74	ND	ND	ND	ND	ND	ND	ND	4.4	50
04/01/19 02:00 AM	6053	250	1.81	ND	ND	ND	ND	ND	ND	ND	4.1	28
04/01/19 02:30 AM	5945	247	1.84	ND	ND	ND	ND	ND	0.00240	ND	4.6	23
04/01/19 03:00 AM	5945	248	2.84	ND	ND	ND	ND	ND	ND	ND	5.4	33
04/01/19 03:30 AM	5894	246	1.85	ND	0.00063	ND	ND	ND	ND	ND	4.6	49
04/01/19 04:00 AM	5922	246	1.86	ND	ND	ND	0.00265	ND	ND	ND	4.9	46
04/01/19 04:30 AM	5900	247	2.24	ND	ND	ND	0.00776	ND	ND	ND	5.8	25
04/01/19 05:00 AM	5887	246	1.91	ND	0.00067	ND	ND	ND	ND	ND	7.1	24
04/01/19 05:30 AM	5806	246	2.37	ND	ND	ND	ND	ND	ND	ND	7.3	31
04/01/19 06:00 AM	5908	247	2.51	ND	ND	ND	ND	ND	ND	ND	6.9	29
04/01/19 06:30 AM	5974	250	2.06	ND	ND	ND	ND	ND	ND	ND	6.9	33
04/01/19 07:00 AM	6104	251	1.82	ND	ND	ND	ND	ND	ND	ND	6.3	38
04/01/19 07:30 AM	6198	251	1.86	ND	0.00117	ND	ND	ND	ND	ND	6.8	32
04/01/19 08:00 AM	6322	252	2.03	ND	ND	ND	ND	ND	ND	ND	6.6	33
04/01/19 08:30 AM	6307	253	1.85	ND	ND	ND	ND	ND	ND	ND	7.4	35
04/01/19 09:00 AM	6398	255	1.92	ND	ND	ND	ND	ND	ND	ND	8.1	29
04/01/19 09:30 AM	6464	256	1.89	ND	ND	ND	ND	ND	ND	ND	8.3	22
04/01/19 10:00 AM	6270	261	1.82	ND	ND	ND	ND	ND	ND	ND	10.9	19
04/01/19 10:30 AM	6156	264	1.81	ND	0.00116	ND	ND	ND	ND	ND	12.5	18
04/01/19 11:00 AM	6122	264	1.81	ND	ND	ND	ND	ND	ND	ND	11.8	21
04/01/19 11:30 AM	6212	264	1.80	ND	ND	ND	ND	ND	ND	ND	11.1	13
04/01/19 12:00 PM	6152	265	1.79	ND	0.00083	ND	0.00371	ND	ND	ND	11.3	16
04/01/19 12:30 PM	6136	267	1.76	ND	ND	ND	ND	ND	ND	ND	10.8	12
04/01/19 01:00 PM	5999	268	1.75	ND	ND	ND	0.00332	ND	ND	ND	10.4	13
04/01/19 01:30 PM	5942	269	1.74	ND	ND	ND	ND	ND	ND	ND	9.5	69
04/01/19 02:00 PM	5788	270	1.74	ND	ND	ND	ND	ND	ND	ND	9.2	237
04/01/19 02:30 PM	5667	269	1.73	ND	ND	ND	ND	ND	0.00222	ND	10.4	352
04/01/19 03:00 PM	5547	269	1.72	ND	ND	ND	ND	ND	ND	ND	11.6	67
04/01/19 03:30 PM	5627	270	1.73	ND	ND	ND	ND	ND	ND	ND	11.2	10
04/01/19 04:00 PM	5584	272	1.74	ND	ND	ND	0.00243	ND	ND	ND	10.2	23
04/01/19 04:30 PM	5666	274	1.75	ND	ND	ND	ND	0.00400	ND	ND	8.0	33
04/01/19 05:00 PM	5724	277	1.73	ND	ND	ND	0.00748	ND	ND	ND	8.1	32
04/01/19 05:30 PM	5607	275	1.71	ND	ND	ND	ND	ND	ND	ND	8.5	26
04/01/19 06:00 PM	5582	274	1.76	ND	ND	ND	ND	ND	ND	ND	7.8	28
04/01/19 06:30 PM	5613	271	1.77	ND	ND	ND	ND	ND	ND	ND	7.4	24
04/01/19 07:00 PM	5885	268	1.81	ND	0.00133	ND	ND	ND	ND	ND	6.1	35
04/01/19 07:30 PM	6058	268	1.76	ND	ND	ND	ND	ND	ND	ND	6.1	20
04/01/19 08:00 PM	6312	265	1.71	ND	ND	ND	ND	ND	ND	ND	6.0	13
04/01/19 08:30 PM	6260	262	1.71	ND	ND	ND	ND	ND	0.00194	ND	4.7	19
04/01/19 09:00 PM	6378	260	1.71	ND	ND	ND	ND	ND	ND	ND	4.5	21
04/01/19 09:30 PM	6217	259	1.89	ND	ND	ND	ND	ND	ND	ND	3.6	27
04/01/19 10:00 PM	6202	257	2.13	ND	ND	ND	ND	ND	ND	ND	4.0	45
04/01/19 10:30 PM	6046	256	1.72	ND	ND	ND	ND	ND	ND	ND	4.4	54
04/01/19 11:00 PM	6154	255	1.75	ND	ND	ND	ND	ND	ND	ND	4.0	57
04/01/19 11:30 PM	6136	254	1.76	ND	ND	ND	ND	ND	ND	ND	4.9	67
04/02/19 12:00 AM	6040	254	1.78	ND	ND	ND	ND	ND	0.00203	ND	5.1	75

## Daily Processed Summary (Average, Maximum)

Average	6007	259	1.86	BDL	0.00012	BDL	0.00057	0.00008	0.00018	BDL	6.6	29
Maximum Value	6464	277	2.84	BDL	0.00133	BDL	0.00776	0.00400	0.00240	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/02/19 12:30 AM	5914	253	1.79	ND	ND	ND	ND	ND	0.00198	ND	4.7	81
04/02/19 01:00 AM	5934	254	1.72	ND	ND	ND	ND	ND	0.00224	ND	4.7	74
04/02/19 01:30 AM	5872	253	1.74	ND	0.00159	ND	ND	ND	ND	ND	5.5	65
04/02/19 02:00 AM	5787	252	1.87	ND	0.00077	ND	ND	ND	ND	ND	5.2	88
04/02/19 02:30 AM	5700	252	1.78	ND	0.00080	ND	ND	ND	ND	ND	5.4	84
04/02/19 03:00 AM	5654	252	1.79	ND	ND	ND	ND	ND	ND	ND	5.7	78
04/02/19 03:30 AM	5672	252	1.83	ND	ND	ND	ND	ND	ND	ND	4.5	79
04/02/19 04:00 AM	5690	251	1.99	ND	ND	ND	ND	ND	ND	ND	4.1	87
04/02/19 04:30 AM	5707	250	1.89	ND	ND	ND	ND	ND	ND	ND	5.1	83
04/02/19 05:00 AM	5750	250	1.84	ND	0.00074	ND	ND	ND	ND	ND	5.0	80
04/02/19 05:30 AM	5769	251	1.87	ND	0.00063	ND	ND	ND	0.00340	ND	5.4	75
04/02/19 06:00 AM	5760	250	1.86	ND	ND	ND	ND	ND	ND	ND	5.2	80
04/02/19 06:30 AM	5721	251	1.87	ND	0.00082	ND	ND	ND	ND	ND	3.7	76
04/02/19 07:00 AM	5728	249	1.86	ND	ND	ND	ND	ND	ND	ND	2.3	66
04/02/19 07:30 AM	5675	248	1.98	ND	0.00088	ND	ND	ND	ND	ND	3.5	77
04/02/19 08:00 AM	5852	254	1.89	ND	ND	ND	ND	ND	ND	ND	2.5	45
04/02/19 08:30 AM	6151	261	2.04	ND	ND	ND	ND	ND	ND	ND	3.2	120
04/02/19 09:00 AM	6701	266	1.94	ND	ND	ND	ND	ND	0.00472	ND	3.5	24
04/02/19 09:30 AM	7310	271	1.87	ND	ND	ND	ND	ND	ND	ND	4.1	53
04/02/19 10:00 AM	7598	276	1.82	ND	0.00066	ND	ND	ND	ND	ND	4.6	68
04/02/19 10:30 AM	7723	280	1.78	ND	ND	ND	ND	ND	ND	ND	4.3	95
04/02/19 11:00 AM	7130	280	1.75	ND	0.00108	ND	ND	ND	ND	ND	4.4	73
04/02/19 11:30 AM	7110	281	1.75	ND	ND	ND	ND	ND	0.00190	ND	5.0	86
04/02/19 12:00 PM	7253	281	1.75	ND	ND	ND	ND	ND	0.00191	ND	5.4	97
04/02/19 12:30 PM	6684	281	1.73	ND	0.00121	ND	ND	ND	0.00389	ND	7.7	68
04/02/19 01:00 PM	7021	282	1.72	ND	ND	ND	ND	ND	0.00229	ND	7.3	59
04/02/19 01:30 PM	7211	283	1.72	ND	ND	ND	ND	ND	ND	ND	5.9	105
04/02/19 02:00 PM	7151	283	1.72	ND	ND	ND	ND	ND	ND	ND	4.0	102
04/02/19 02:30 PM	8684	282	1.71	ND	ND	ND	0.00291	ND	ND	ND	10.0	190
04/02/19 03:00 PM	8104	283	1.71	ND	ND	ND	0.00271	ND	ND	ND	11.9	178
04/02/19 03:30 PM	8291	282	1.71	ND	ND	ND	ND	ND	ND	ND	11.5	160
04/02/19 04:00 PM	8088	283	1.70	ND	ND	ND	ND	ND	ND	ND	11.6	147
04/02/19 04:30 PM	8002	282	1.70	ND	ND	ND	ND	ND	ND	ND	12.3	147
04/02/19 05:00 PM	8464	280	1.70	ND	ND	ND	ND	ND	ND	ND	12.3	147
04/02/19 05:30 PM	8569	275	1.69	ND	ND	ND	ND	ND	ND	ND	12.4	138
04/02/19 06:00 PM	8557	278	1.68	ND	ND	ND	ND	ND	ND	ND	12.2	141
04/02/19 06:30 PM	8567	277	1.68	ND	ND	ND	ND	ND	ND	ND	13.1	139
04/02/19 07:00 PM	8621	276	1.68	ND	ND	ND	ND	ND	ND	ND	11.7	138
04/02/19 07:30 PM	8568	272	1.69	ND	0.00074	ND	ND	ND	ND	ND	11.4	137
04/02/19 08:00 PM	8684	267	1.69	ND	ND	ND	ND	ND	ND	ND	7.5	128
04/02/19 08:30 PM	8724	262	1.68	ND	0.00124	ND	ND	ND	ND	ND	7.9	129
04/02/19 09:00 PM	8863	262	1.66	ND	0.00073	ND	ND	ND	ND	ND	7.6	127
04/02/19 09:30 PM	8999	261	1.64	ND	ND	ND	ND	ND	ND	ND	8.1	128
04/02/19 10:00 PM	9090	259	1.64	ND	ND	ND	ND	ND	ND	ND	8.7	127
04/02/19 10:30 PM	9130	259	1.64	ND	ND	ND	ND	ND	ND	ND	7.9	127
04/02/19 11:00 PM	9298	259	1.67	ND	ND	ND	ND	ND	ND	ND	6.3	114
04/02/19 11:30 PM	9647	258	1.65	ND	ND	ND	ND	ND	ND	ND	5.8	122
04/03/19 12:00 AM	9843	258	1.64	ND	ND	ND	ND	ND	ND	ND	6.5	113

## Daily Processed Summary (Average, Maximum)

Average	7334	266	1.77	BDL	0.00025	BDL	0.00012	BDL	0.00046	BDL	5.6	116
Maximum Value	9843	283	2.04	BDL	0.00159	BDL	0.00291	BDL	0.00472	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/03/19 12:30 AM	9979	258	1.69	ND	ND	ND	ND	ND	ND	ND	6.3	114
04/03/19 01:00 AM	10170	258	1.73	ND	ND	ND	ND	0.00450	ND	ND	6.8	115
04/03/19 01:30 AM	10291	258	1.79	ND	ND	ND	ND	ND	ND	ND	5.9	112
04/03/19 02:00 AM	10206	259	1.89	ND	ND	ND	0.00278	ND	ND	ND	3.6	48
04/03/19 02:30 AM	10113	257	2.77	ND	ND	ND	ND	ND	ND	ND	3.2	38
04/03/19 03:00 AM	10222	254	1.85	ND	ND	ND	ND	ND	ND	ND	2.7	82
04/03/19 03:30 AM	10362	252	1.83	ND	0.00095	ND	ND	ND	ND	ND	4.1	96
04/03/19 04:00 AM	10546	255	1.69	ND	ND	ND	ND	ND	ND	ND	6.4	104
04/03/19 04:30 AM	10783	257	1.75	ND	ND	ND	ND	ND	ND	ND	5.5	104
04/03/19 05:00 AM	10970	257	1.75	ND	ND	ND	ND	ND	ND	ND	4.8	104
04/03/19 05:30 AM	11159	258	1.77	ND	ND	ND	0.00380	ND	ND	ND	3.7	75
04/03/19 06:00 AM	11306	258	1.74	ND	0.00110	ND	0.00285	ND	ND	ND	2.7	73
04/03/19 06:30 AM	11408	256	1.83	ND	ND	ND	ND	ND	ND	ND	4.2	104
04/03/19 07:00 AM	11565	257	1.80	ND	ND	ND	0.00315	ND	ND	ND	4.4	88
04/03/19 07:30 AM	11648	256	1.76	ND	ND	ND	ND	ND	ND	ND	6.7	102
04/03/19 08:00 AM	11821	257	1.68	ND	0.00185	ND	ND	ND	ND	ND	6.9	109
04/03/19 08:30 AM	12033	259	1.65	ND	ND	ND	ND	ND	ND	ND	6.9	117
04/03/19 09:00 AM	12357	260	1.70	ND	ND	ND	ND	ND	ND	ND	6.7	114
04/03/19 09:30 AM	12707	262	1.73	ND	ND	ND	ND	ND	ND	ND	8.1	120
04/03/19 10:00 AM	12903	264	1.64	ND	ND	ND	ND	ND	ND	ND	9.1	126
04/03/19 10:30 AM	12950	266	1.64	ND	ND	ND	ND	ND	ND	ND	9.9	125
04/03/19 11:00 AM	13077	268	1.64	ND	ND	ND	ND	ND	ND	ND	11.8	125
04/03/19 11:30 AM	13140	268	1.65	ND	ND	ND	ND	ND	ND	ND	11.7	126
04/03/19 12:00 PM	13395	264	1.65	ND	ND	ND	ND	ND	ND	ND	11.8	123
04/03/19 12:30 PM	13574	267	1.66	ND	ND	ND	ND	ND	ND	ND	12.0	123
04/03/19 01:00 PM	13808	268	1.65	ND	ND	ND	ND	ND	ND	ND	11.0	120
04/03/19 01:30 PM	13814	264	1.63	ND	ND	ND	ND	ND	ND	ND	10.4	123
04/03/19 02:00 PM	12313	191	1.46	ND	ND	ND	ND	ND	ND	ND	11.6	115
04/03/19 02:30 PM	12781	205	1.47	ND	ND	ND	ND	ND	ND	ND	14.7	116
04/03/19 03:00 PM	14622	267	1.64	ND	ND	ND	ND	ND	ND	ND	14.5	121
04/03/19 03:30 PM	14612	266	1.63	ND	ND	ND	ND	ND	ND	ND	13.1	118
04/03/19 04:00 PM	14585	260	1.62	ND	ND	ND	ND	ND	ND	ND	12.9	117
04/03/19 04:30 PM	14786	261	1.62	ND	ND	ND	ND	ND	ND	ND	12.4	116
04/03/19 05:00 PM	14841	258	1.61	ND	ND	ND	ND	ND	ND	ND	12.2	114
04/03/19 05:30 PM	13863	227	1.52	ND	ND	ND	ND	ND	ND	ND	13.0	113
04/03/19 06:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.3	114
04/03/19 06:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.4	120
04/03/19 07:00 PM	11443	138	1.19	ND	ND	ND	ND	ND	ND	ND	12.0	117
04/03/19 07:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.3	117
04/03/19 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.4	116
04/03/19 08:30 PM	12843	173	1.34	ND	ND	ND	ND	ND	ND	ND	10.9	115
04/03/19 09:00 PM	14634	219	1.51	ND	ND	ND	ND	ND	ND	ND	11.8	118
04/03/19 09:30 PM	15040	233	1.55	ND	0.00254	ND	ND	ND	ND	ND	12.0	124
04/03/19 10:00 PM	15446	244	1.59	ND	ND	ND	ND	ND	ND	ND	13.1	125
04/03/19 10:30 PM	15677	250	1.60	ND	ND	ND	ND	ND	ND	ND	10.9	126
04/03/19 11:00 PM	14632	211	1.50	ND	ND	ND	ND	ND	ND	ND	10.7	126
04/03/19 11:30 PM	14357	200	1.45	ND	ND	ND	ND	ND	ND	ND	9.5	125
04/04/19 12:00 AM	13310	169	1.35	ND	ND	ND	ND	ND	ND	ND	9.4	122

Daily Processed Summary (Average, Maximum)

Average	12638	245	1.66	BDL	0.00013	BDL	0.00026	0.00009	BDL	BDL	9.0	116
Maximum Value	15677	268	2.77	BDL	0.00254	BDL	0.00380	0.00450	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/04/19 12:30 AM	14107	187	1.41	ND	ND	ND	ND	ND	ND	ND	9.6	126
04/04/19 01:00 AM	14817	208	1.45	ND	ND	ND	ND	ND	ND	ND	8.9	123
04/04/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.4	123
04/04/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.4	128
04/04/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.8	134
04/04/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.8	141
04/04/19 03:30 AM	14106	165	1.33	ND	ND	ND	ND	ND	ND	ND	13.3	153
04/04/19 04:00 AM	14087	165	1.35	ND	ND	ND	ND	ND	ND	ND	14.0	157
04/04/19 04:30 AM	13471	151	1.29	ND	ND	ND	ND	ND	ND	ND	13.3	159
04/04/19 05:00 AM	13501	148	1.25	ND	ND	ND	ND	ND	ND	ND	14.1	167
04/04/19 05:30 AM	13878	149	1.22	ND	ND	ND	ND	ND	ND	ND	13.3	174
04/04/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.1	175
04/04/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.7	176
04/04/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.6	182
04/04/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.5	184
04/04/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.4	184
04/04/19 08:30 AM	13259	146	1.19	ND	ND	ND	ND	ND	ND	ND	7.0	195
04/04/19 09:00 AM	16026	210	1.45	ND	ND	ND	ND	ND	ND	ND	4.8	209
04/04/19 09:30 AM	14015	165	1.28	ND	ND	ND	ND	ND	ND	ND	5.4	240
04/04/19 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	252
04/04/19 10:30 AM	14093	166	1.26	ND	ND	ND	ND	ND	ND	ND	3.7	238
04/04/19 11:00 AM	15662	195	1.38	ND	ND	ND	ND	ND	ND	ND	2.5	223
04/04/19 11:30 AM	17562	239	1.53	ND	ND	ND	ND	ND	ND	ND	2.2	213
04/04/19 12:00 PM	18779	268	1.62	ND	ND	ND	ND	ND	ND	ND	3.6	210
04/04/19 12:30 PM	19196	280	1.65	ND	ND	ND	ND	ND	ND	ND	4.1	210
04/04/19 01:00 PM	19518	288	1.66	ND	0.00072	ND	ND	ND	ND	ND	3.9	206
04/04/19 01:30 PM	19532	290	1.68	ND	0.00066	ND	ND	ND	ND	ND	5.0	210
04/04/19 02:00 PM	19663	297	1.69	ND	0.00065	ND	ND	ND	ND	ND	6.0	213
04/04/19 02:30 PM	19576	301	1.71	ND	0.00041	ND	ND	ND	ND	ND	6.4	206
04/04/19 03:00 PM	19383	302	1.71	ND	ND	ND	ND	ND	ND	ND	7.5	208
04/04/19 03:30 PM	19281	302	1.71	ND	ND	ND	ND	ND	ND	ND	6.4	202
04/04/19 04:00 PM	19234	304	1.71	ND	ND	ND	ND	ND	ND	ND	6.1	199
04/04/19 04:30 PM	18728	303	1.71	ND	ND	ND	ND	ND	ND	ND	6.9	211
04/04/19 05:00 PM	18741	302	1.71	ND	ND	ND	ND	ND	ND	ND	6.1	206
04/04/19 05:30 PM	18869	302	1.71	ND	ND	ND	ND	ND	ND	ND	6.1	208
04/04/19 06:00 PM	18669	304	1.72	ND	ND	ND	ND	ND	ND	ND	7.3	202
04/04/19 06:30 PM	18658	305	1.72	ND	ND	ND	ND	ND	ND	ND	6.1	198
04/04/19 07:00 PM	18787	302	1.72	ND	0.00078	ND	ND	ND	ND	ND	5.5	186
04/04/19 07:30 PM	18857	301	1.73	ND	ND	ND	ND	ND	ND	ND	5.7	182
04/04/19 08:00 PM	18817	299	1.77	ND	ND	ND	ND	ND	ND	ND	4.9	164
04/04/19 08:30 PM	18401	293	1.78	ND	ND	ND	ND	ND	ND	ND	6.3	174
04/04/19 09:00 PM	18003	287	1.74	ND	0.00088	ND	ND	ND	ND	ND	6.9	176
04/04/19 09:30 PM	17523	279	1.67	ND	0.00230	ND	ND	ND	ND	ND	6.7	178
04/04/19 10:00 PM	17079	270	1.65	ND	ND	ND	ND	ND	ND	ND	5.7	168
04/04/19 10:30 PM	14967	208	1.44	ND	ND	ND	ND	ND	ND	ND	6.7	149
04/04/19 11:00 PM	12311	148	1.25	ND	ND	ND	ND	ND	ND	ND	6.5	151
04/04/19 11:30 PM	13687	176	1.40	ND	ND	ND	ND	ND	ND	ND	5.5	166
04/05/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.9	190

Daily Processed Summary (Average, Maximum)

Average	16888	243	1.55	BDL	0.00013	BDL	BDL	BDL	BDL	BDL	BDL	6.5	177
Maximum Value	19663	305	1.78	BDL	0.00230	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/05/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.4	188
04/05/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.1	213
04/05/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.1	193
04/05/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	171
04/05/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	168
04/05/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.9	187
04/05/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	217
04/05/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.9	294
04/05/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.2	230
04/05/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.9	101
04/05/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.0	104
04/05/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.4	79
04/05/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.6	69
04/05/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.6	90
04/05/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	66
04/05/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	82
04/05/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.2	83
04/05/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.3	77
04/05/19 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.1	93
04/05/19 10:00 AM	15571	210	1.46	ND	ND	ND	ND	ND	ND	ND	3.8	77
04/05/19 10:30 AM	18177	292	1.69	ND	0.00079	ND	ND	ND	ND	ND	3.2	122
04/05/19 11:00 AM	18512	295	1.72	ND	0.00165	ND	ND	ND	0.00196	ND	4.3	314
04/05/19 11:30 AM	18439	292	1.70	ND	ND	ND	ND	ND	ND	ND	4.4	312
04/05/19 12:00 PM	18033	288	1.67	ND	ND	ND	ND	ND	ND	ND	3.0	130
04/05/19 12:30 PM	18171	291	1.69	ND	ND	ND	ND	ND	ND	ND	3.0	228
04/05/19 01:00 PM	18396	289	1.69	ND	ND	ND	ND	ND	ND	ND	4.8	253
04/05/19 01:30 PM	18533	293	1.71	ND	ND	ND	ND	ND	ND	ND	4.6	224
04/05/19 02:00 PM	18763	303	1.71	ND	ND	ND	ND	ND	ND	ND	3.0	264
04/05/19 02:30 PM	18729	302	1.70	ND	ND	ND	ND	ND	ND	ND	2.6	239
04/05/19 03:00 PM	18539	304	1.72	ND	ND	ND	ND	ND	ND	ND	2.8	224
04/05/19 03:30 PM	18708	305	1.72	ND	ND	ND	ND	ND	ND	ND	6.8	134
04/05/19 04:00 PM	18920	305	1.71	ND	ND	ND	ND	ND	ND	ND	10.7	143
04/05/19 04:30 PM	19305	304	1.71	ND	ND	ND	ND	ND	ND	ND	10.9	132
04/05/19 05:00 PM	19086	303	1.69	ND	ND	ND	ND	ND	ND	ND	8.9	129
04/05/19 05:30 PM	19084	300	1.68	ND	ND	ND	ND	ND	ND	ND	10.6	126
04/05/19 06:00 PM	18966	298	1.67	ND	0.00055	ND	ND	ND	ND	ND	11.0	127
04/05/19 06:30 PM	19187	299	1.67	ND	ND	ND	ND	ND	ND	ND	9.7	127
04/05/19 07:00 PM	18946	297	1.67	ND	ND	ND	ND	ND	ND	ND	8.2	117
04/05/19 07:30 PM	18446	290	1.64	ND	0.00051	ND	ND	ND	ND	ND	8.0	112
04/05/19 08:00 PM	17780	268	1.62	ND	ND	ND	ND	ND	ND	ND	8.5	110
04/05/19 08:30 PM	14881	183	1.42	ND	ND	ND	ND	ND	ND	ND	8.0	108
04/05/19 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.5	110
04/05/19 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.4	118
04/05/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.2	123
04/05/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.1	123
04/05/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.4	118
04/05/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.6	119
04/06/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.7	129

Daily Processed Summary (Average, Maximum)

Average	18326	287	1.67	BDL	0.0007	BDL	BDL	BDL	0.0004	BDL	3.7	129
Maximum Value	19305	305	1.72	BDL	0.00165	BDL	BDL	BDL	0.00196	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CBHG_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/06/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.0	122
04/06/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.8	120
04/06/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	128
04/06/19 02:00 AM	12965	150	1.17	ND	ND	ND	ND	ND	ND	ND	7.2	113
04/06/19 02:30 AM	14346	176	1.27	ND	ND	ND	ND	ND	ND	ND	7.5	116
04/06/19 03:00 AM	15790	207	1.41	ND	0.00200	ND	ND	ND	ND	ND	10.1	115
04/06/19 03:30 AM	15968	211	1.41	ND	ND	ND	ND	ND	ND	ND	8.6	121
04/06/19 04:00 AM	15692	203	1.38	ND	ND	ND	ND	ND	ND	ND	10.7	131
04/06/19 04:30 AM	13823	164	1.20	ND	ND	ND	ND	ND	ND	ND	13.0	130
04/06/19 05:00 AM	14381	171	1.23	ND	ND	ND	ND	ND	ND	ND	15.2	143
04/06/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	20.6	145
04/06/19 06:00 AM	14418	172	1.27	ND	ND	ND	ND	ND	ND	ND	18.2	144
04/06/19 06:30 AM	16848	232	1.54	ND	ND	ND	ND	ND	ND	ND	8.9	115
04/06/19 07:00 AM	16842	231	1.52	ND	ND	ND	ND	ND	ND	ND	5.9	117
04/06/19 07:30 AM	16901	230	1.50	ND	ND	ND	ND	ND	ND	ND	8.8	133
04/06/19 08:00 AM	16490	220	1.46	ND	ND	ND	ND	ND	ND	ND	10.0	123
04/06/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.3	115
04/06/19 09:00 AM	14505	162	1.26	ND	ND	ND	ND	ND	ND	ND	7.7	141
04/06/19 09:30 AM	14677	166	1.33	ND	ND	ND	ND	ND	ND	ND	5.3	103
04/06/19 10:00 AM	15569	183	1.38	ND	ND	ND	ND	ND	ND	ND	5.4	130
04/06/19 10:30 AM	16371	193	1.40	ND	ND	ND	ND	ND	ND	ND	10.2	160
04/06/19 11:00 AM	16867	207	1.45	ND	ND	ND	ND	ND	ND	ND	10.6	146
04/06/19 11:30 AM	19563	273	1.64	ND	ND	ND	ND	ND	ND	ND	14.3	150
04/06/19 12:00 PM	20408	289	1.66	ND	ND	ND	ND	ND	ND	ND	17.7	150
04/06/19 12:30 PM	20436	295	1.67	ND	0.00115	ND	ND	ND	ND	ND	18.1	153
04/06/19 01:00 PM	20580	301	1.70	ND	ND	ND	0.00897	ND	ND	ND	18.2	159
04/06/19 01:30 PM	20641	302	1.72	ND	ND	ND	ND	ND	ND	ND	15.3	155
04/06/19 02:00 PM	20467	303	1.70	ND	ND	ND	ND	ND	ND	ND	15.8	158
04/06/19 02:30 PM	20134	304	1.73	ND	ND	ND	ND	ND	ND	ND	17.5	159
04/06/19 03:00 PM	20322	302	1.69	ND	ND	ND	ND	ND	ND	ND	15.5	158
04/06/19 03:30 PM	20301	299	1.67	ND	ND	ND	ND	ND	ND	ND	16.9	151
04/06/19 04:00 PM	20329	300	1.68	ND	ND	ND	0.00265	ND	ND	ND	15.0	153
04/06/19 04:30 PM	20271	302	1.69	ND	0.00045	ND	ND	ND	ND	ND	13.9	153
04/06/19 05:00 PM	20194	302	1.68	ND	0.00069	ND	ND	ND	ND	ND	12.7	148
04/06/19 05:30 PM	19852	297	1.66	ND	ND	ND	ND	ND	ND	ND	11.6	146
04/06/19 06:00 PM	19903	299	1.66	ND	ND	ND	ND	ND	ND	ND	10.7	139
04/06/19 06:30 PM	19896	298	1.67	ND	ND	ND	0.00279	ND	ND	ND	11.0	123
04/06/19 07:00 PM	19693	295	1.67	ND	ND	ND	ND	ND	ND	ND	10.3	120
04/06/19 07:30 PM	19667	293	1.66	ND	ND	ND	ND	ND	ND	ND	10.1	115
04/06/19 08:00 PM	19610	290	1.64	ND	ND	ND	ND	ND	ND	ND	9.5	121
04/06/19 08:30 PM	19672	286	1.63	ND	0.00091	ND	0.00300	ND	ND	ND	11.6	119
04/06/19 09:00 PM	19609	281	1.63	ND	0.00058	ND	0.00366	ND	ND	ND	11.2	118
04/06/19 09:30 PM	19533	278	1.61	ND	ND	ND	ND	ND	ND	ND	10.5	117
04/06/19 10:00 PM	19510	276	1.63	ND	0.00075	ND	ND	ND	ND	ND	9.9	122
04/06/19 10:30 PM	19314	267	1.61	ND	ND	ND	ND	ND	ND	ND	9.8	116
04/06/19 11:00 PM	19090	258	1.60	ND	ND	ND	ND	ND	ND	ND	9.1	117
04/06/19 11:30 PM	18648	243	1.56	ND	ND	ND	ND	ND	0.00276	ND	8.3	114
04/07/19 12:00 AM	19045	259	1.57	ND	ND	ND	ND	ND	ND	ND	8.5	129

Daily Processed Summary (Average, Maximum)

Average	18120	250	1.54	BDL	0.00014	BDL	0.00044	BDL	0.00006	BDL	11.0	137
Maximum Value	20641	304	1.73	BDL	0.00200	BDL	0.00897	BDL	0.00276	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/07/19 12:30 AM	19065	263	1.56	ND	0.00623	ND	ND	ND	ND	ND	8.3	134
04/07/19 01:00 AM	18979	260	1.56	ND	ND	ND	ND	ND	ND	ND	8.9	133
04/07/19 01:30 AM	18780	255	1.55	ND	ND	ND	ND	ND	ND	ND	7.4	128
04/07/19 02:00 AM	18588	250	1.54	ND	ND	ND	ND	ND	ND	ND	9.6	125
04/07/19 02:30 AM	17223	212	1.43	ND	ND	ND	ND	ND	ND	ND	12.6	136
04/07/19 03:00 AM	17100	206	1.41	ND	ND	ND	ND	ND	ND	ND	12.4	133
04/07/19 03:30 AM	17167	209	1.41	ND	ND	ND	ND	ND	ND	ND	10.8	129
04/07/19 04:00 AM	14487	154	1.23	ND	ND	ND	ND	ND	ND	ND	12.8	128
04/07/19 04:30 AM	15687	182	1.31	ND	ND	ND	ND	ND	ND	ND	10.7	132
04/07/19 05:00 AM	18273	251	1.51	ND	ND	ND	ND	ND	ND	ND	14.2	136
04/07/19 05:30 AM	18456	265	1.56	ND	ND	ND	ND	ND	ND	ND	13.0	137
04/07/19 06:00 AM	18271	270	1.57	ND	0.00134	ND	ND	ND	ND	ND	11.0	129
04/07/19 06:30 AM	18180	272	1.58	ND	0.00098	ND	ND	ND	0.00179	ND	10.5	128
04/07/19 07:00 AM	18046	267	1.58	ND	0.00120	ND	ND	ND	ND	ND	11.7	125
04/07/19 07:30 AM	17025	232	1.50	ND	0.00207	ND	ND	ND	ND	ND	10.7	116
04/07/19 08:00 AM	13420	147	1.21	ND	ND	ND	ND	ND	ND	ND	17.0	118
04/07/19 08:30 AM	15806	193	1.38	ND	ND	ND	ND	ND	ND	ND	14.7	131
04/07/19 09:00 AM	15752	202	1.38	ND	ND	ND	ND	ND	ND	ND	15.9	129
04/07/19 09:30 AM	16866	229	1.48	ND	ND	ND	ND	ND	ND	ND	15.9	134
04/07/19 10:00 AM	14873	170	1.30	ND	ND	ND	ND	ND	ND	ND	13.7	152
04/07/19 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	15.0	275
04/07/19 11:00 AM	10282	138	1.18	ND	ND	ND	ND	ND	ND	ND	16.8	304
04/07/19 11:30 AM	11798	180	1.36	ND	ND	ND	ND	ND	ND	ND	15.6	308
04/07/19 12:00 PM	12649	213	1.48	ND	0.00164	ND	ND	ND	ND	ND	9.5	128
04/07/19 12:30 PM	11321	167	1.34	ND	ND	ND	ND	ND	ND	ND	10.4	52
04/07/19 01:00 PM	13246	222	1.48	ND	ND	ND	ND	ND	ND	ND	9.3	44
04/07/19 01:30 PM	15082	274	1.64	ND	ND	ND	ND	ND	ND	ND	7.0	38
04/07/19 02:00 PM	15753	290	1.67	ND	ND	ND	ND	ND	ND	ND	7.2	281
04/07/19 02:30 PM	16154	295	1.71	ND	0.00043	ND	ND	ND	ND	ND	7.3	273
04/07/19 03:00 PM	16355	299	1.70	ND	0.00044	ND	ND	ND	ND	ND	8.7	324
04/07/19 03:30 PM	16277	299	1.68	ND	ND	ND	ND	ND	0.00153	ND	10.4	299
04/07/19 04:00 PM	16054	299	1.67	ND	ND	ND	ND	ND	ND	ND	11.3	278
04/07/19 04:30 PM	15418	300	1.67	ND	ND	ND	ND	ND	ND	ND	13.6	276
04/07/19 05:00 PM	14850	300	1.67	ND	ND	ND	ND	ND	ND	ND	14.0	283
04/07/19 05:30 PM	14317	295	1.66	ND	ND	ND	ND	ND	ND	ND	14.1	283
04/07/19 06:00 PM	14051	300	1.67	ND	ND	ND	ND	ND	ND	ND	13.9	289
04/07/19 06:30 PM	14255	301	1.68	ND	ND	ND	ND	ND	0.00194	ND	11.0	306
04/07/19 07:00 PM	14396	302	1.68	ND	ND	ND	ND	ND	ND	ND	11.2	318
04/07/19 07:30 PM	14079	299	1.69	ND	ND	ND	ND	ND	ND	ND	9.3	313
04/07/19 08:00 PM	13435	297	1.69	ND	ND	ND	ND	ND	ND	ND	9.7	318
04/07/19 08:30 PM	12824	294	1.68	ND	ND	ND	ND	ND	0.00197	ND	7.3	331
04/07/19 09:00 PM	13083	292	1.71	ND	ND	ND	ND	ND	ND	ND	4.2	122
04/07/19 09:30 PM	12850	292	1.69	ND	0.00054	ND	ND	ND	ND	ND	3.2	130
04/07/19 10:00 PM	12551	289	1.67	ND	ND	ND	0.00250	ND	ND	ND	4.1	324
04/07/19 10:30 PM	12856	287	1.68	ND	0.00119	ND	ND	ND	ND	ND	4.7	296
04/07/19 11:00 PM	12095	288	1.68	ND	ND	ND	0.00241	ND	ND	ND	7.5	290
04/07/19 11:30 PM	11857	287	1.67	ND	ND	ND	ND	ND	ND	ND	7.4	319
04/08/19 12:00 AM	11859	287	1.66	ND	0.00047	ND	ND	ND	ND	ND	7.8	317

Daily Processed Summary (Average, Maximum)

Average	15144	253	1.55	BDL	0.00034	BDL	0.00010	BDL	0.00015	BDL	1.1	154
Maximum Value	19065	302	1.71	BDL	0.00623	BDL	0.00250	BDL	0.00197	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/08/19 12:30 AM	11457	286	1.65	ND	0.00129	ND	ND	ND	ND	ND	10.6	353
04/08/19 01:00 AM	11497	285	1.64	ND	ND	ND	ND	ND	ND	ND	5.1	295
04/08/19 01:30 AM	11534	283	1.64	ND	ND	ND	ND	ND	ND	ND	5.5	350
04/08/19 02:00 AM	11716	283	1.66	ND	ND	ND	ND	ND	ND	ND	7.4	320
04/08/19 02:30 AM	11697	283	1.66	ND	ND	ND	ND	ND	0.00177	ND	8.2	322
04/08/19 03:00 AM	11459	282	1.67	ND	ND	ND	ND	ND	ND	ND	6.1	307
04/08/19 03:30 AM	11263	283	1.66	ND	ND	ND	ND	ND	ND	ND	5.1	294
04/08/19 04:00 AM	11162	283	1.66	ND	ND	ND	ND	ND	ND	ND	5.4	288
04/08/19 04:30 AM	11392	281	1.67	ND	ND	ND	ND	ND	ND	ND	6.2	256
04/08/19 05:00 AM	11466	283	1.70	ND	ND	ND	ND	ND	ND	ND	8.4	258
04/08/19 05:30 AM	11486	284	1.70	ND	ND	ND	ND	ND	ND	ND	9.1	251
04/08/19 06:00 AM	11431	283	1.72	ND	ND	ND	0.00254	ND	ND	ND	8.6	263
04/08/19 06:30 AM	11232	284	1.75	ND	0.00074	ND	ND	ND	ND	ND	9.7	280
04/08/19 07:00 AM	10915	284	1.78	ND	ND	ND	ND	ND	0.00455	ND	7.4	291
04/08/19 07:30 AM	10977	284	1.81	ND	ND	ND	ND	ND	0.00550	ND	7.9	282
04/08/19 08:00 AM	11003	287	1.82	ND	0.00115	ND	ND	ND	ND	ND	8.2	284
04/08/19 08:30 AM	10998	291	1.79	ND	ND	ND	ND	ND	ND	ND	7.1	309
04/08/19 09:00 AM	11155	295	1.78	ND	0.00044	ND	ND	ND	ND	ND	7.7	329
04/08/19 09:30 AM	11487	298	1.77	ND	ND	ND	ND	ND	ND	ND	7.6	319
04/08/19 10:00 AM	11884	300	1.74	ND	0.00048	ND	0.00210	ND	ND	ND	8.7	340
04/08/19 10:30 AM	12121	302	1.71	ND	0.00041	ND	ND	ND	ND	ND	10.0	291
04/08/19 11:00 AM	12188	303	1.68	ND	ND	ND	ND	ND	ND	ND	11.6	289
04/08/19 11:30 AM	12195	303	1.68	ND	ND	ND	ND	ND	ND	ND	12.0	236
04/08/19 12:00 PM	12453	304	1.68	ND	ND	ND	ND	ND	ND	ND	10.7	346
04/08/19 12:30 PM	12769	305	1.68	ND	0.00041	ND	ND	ND	ND	ND	8.2	339
04/08/19 01:00 PM	12368	306	1.69	ND	ND	ND	ND	ND	ND	ND	8.8	332
04/08/19 01:30 PM	12419	307	1.70	ND	0.00042	ND	0.00378	ND	ND	ND	9.2	323
04/08/19 02:00 PM	12559	308	1.68	ND	0.00040	ND	ND	ND	0.00145	ND	10.2	315
04/08/19 02:30 PM	12503	308	1.68	ND	ND	ND	ND	ND	ND	ND	10.8	299
04/08/19 03:00 PM	12367	307	1.68	ND	ND	ND	0.00234	ND	ND	ND	13.0	284
04/08/19 03:30 PM	12204	309	1.70	ND	ND	ND	ND	ND	ND	ND	12.3	295
04/08/19 04:00 PM	12449	309	1.70	ND	ND	ND	ND	ND	ND	ND	13.0	308
04/08/19 04:30 PM	12767	309	1.71	ND	ND	ND	ND	ND	ND	ND	12.1	301
04/08/19 05:00 PM	12806	309	1.71	ND	ND	ND	ND	ND	ND	ND	11.1	300
04/08/19 05:30 PM	12041	307	1.70	ND	ND	ND	ND	ND	ND	ND	10.6	310
04/08/19 06:00 PM	12370	311	1.72	ND	ND	ND	ND	ND	ND	ND	10.3	308
04/08/19 06:30 PM	12249	311	1.71	ND	ND	ND	ND	ND	ND	ND	9.9	309
04/08/19 07:00 PM	12858	310	1.72	ND	ND	ND	ND	ND	ND	ND	7.0	305
04/08/19 07:30 PM	13634	307	1.74	ND	ND	ND	ND	ND	ND	ND	5.1	307
04/08/19 08:00 PM	13689	305	1.75	ND	ND	ND	ND	ND	ND	ND	3.1	294
04/08/19 08:30 PM	13802	301	1.86	ND	0.00045	ND	ND	ND	ND	ND	2.7	256
04/08/19 09:00 PM	14813	300	2.17	ND	ND	ND	ND	ND	ND	ND	3.2	240
04/08/19 09:30 PM	15220	300	1.93	ND	ND	ND	ND	ND	ND	ND	2.0	222
04/08/19 10:00 PM	15156	304	2.32	ND	0.00057	ND	0.00370	ND	ND	ND	1.5	33
04/08/19 10:30 PM	14540	303	2.17	ND	0.00080	ND	ND	ND	ND	ND	2.0	53
04/08/19 11:00 PM	13384	300	2.35	ND	0.00064	ND	ND	ND	ND	ND	1.2	251
04/08/19 11:30 PM	13589	306	2.96	ND	ND	ND	ND	ND	ND	ND	1.5	265
04/09/19 12:00 AM	13970	299	2.08	ND	ND	ND	ND	ND	ND	ND	2.4	204

## Daily Processed Summary (Average, Maximum)

Average	12348	297	1.79	BDL	0.00017	BDL	0.00030	BDL	0.00028	BDL	6.6	301
Maximum Value	15220	311	2.96	BDL	0.00129	BDL	0.00378	BDL	0.00550	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/09/19 12:30 AM	14539	299	2.07	ND	ND	ND	ND	ND	ND	ND	3.6	209
04/09/19 01:00 AM	16153	293	1.87	ND	ND	ND	ND	ND	ND	ND	4.5	199
04/09/19 01:30 AM	16456	286	1.87	ND	0.00102	ND	ND	ND	0.00596	ND	4.0	196
04/09/19 02:00 AM	16631	280	1.85	ND	ND	ND	ND	ND	ND	ND	4.3	211
04/09/19 02:30 AM	16133	285	1.79	ND	ND	ND	ND	ND	ND	ND	4.7	209
04/09/19 03:00 AM	15528	286	1.77	ND	ND	ND	ND	ND	ND	ND	6.6	215
04/09/19 03:30 AM	15562	286	1.78	ND	ND	ND	ND	ND	ND	ND	6.0	222
04/09/19 04:00 AM	15494	286	1.85	ND	0.00054	ND	ND	ND	ND	ND	4.9	232
04/09/19 04:30 AM	14959	287	1.98	ND	ND	ND	ND	ND	ND	ND	5.0	253
04/09/19 05:00 AM	14635	287	1.94	ND	ND	ND	ND	ND	ND	ND	4.6	262
04/09/19 05:30 AM	14316	287	1.90	ND	ND	ND	ND	ND	0.00247	ND	4.5	259
04/09/19 06:00 AM	13822	286	1.91	ND	0.00121	ND	ND	ND	ND	ND	5.0	255
04/09/19 06:30 AM	13666	287	1.92	ND	ND	ND	ND	ND	ND	ND	3.8	269
04/09/19 07:00 AM	13452	286	1.89	ND	ND	ND	ND	ND	ND	ND	4.3	259
04/09/19 07:30 AM	13264	285	1.85	ND	ND	ND	ND	ND	ND	ND	4.5	270
04/09/19 08:00 AM	13337	287	1.82	ND	ND	ND	ND	ND	ND	ND	4.8	265
04/09/19 08:30 AM	13514	291	1.77	ND	ND	ND	ND	ND	ND	ND	5.6	255
04/09/19 09:00 AM	13596	294	1.75	ND	0.00057	ND	ND	ND	ND	ND	5.7	257
04/09/19 09:30 AM	13480	298	1.76	ND	0.00142	ND	ND	ND	ND	ND	6.4	257
04/09/19 10:00 AM	13765	300	1.77	ND	ND	ND	ND	ND	0.00222	ND	6.6	261
04/09/19 10:30 AM	13854	302	1.77	ND	ND	ND	ND	ND	ND	ND	6.7	259
04/09/19 11:00 AM	13682	304	1.77	ND	ND	ND	ND	ND	ND	ND	6.9	252
04/09/19 11:30 AM	13671	305	1.76	ND	0.00183	ND	ND	ND	ND	ND	6.8	247
04/09/19 12:00 PM	13983	307	1.78	ND	0.00373	ND	ND	ND	ND	ND	6.7	244
04/09/19 12:30 PM	14615	308	1.79	ND	0.00172	ND	ND	ND	ND	ND	6.8	233
04/09/19 01:00 PM	15007	308	1.78	ND	0.00053	ND	ND	ND	ND	ND	7.4	249
04/09/19 01:30 PM	14737	308	1.75	ND	0.00041	ND	ND	ND	ND	ND	7.2	254
04/09/19 02:00 PM	14312	308	1.71	ND	ND	ND	ND	ND	ND	ND	6.5	261
04/09/19 02:30 PM	14314	308	1.71	ND	0.00048	ND	ND	ND	ND	ND	5.1	213
04/09/19 03:00 PM	14816	311	1.73	ND	0.00066	ND	ND	ND	0.00233	ND	5.4	203
04/09/19 03:30 PM	14373	313	1.73	ND	ND	ND	ND	ND	ND	ND	6.5	192
04/09/19 04:00 PM	14523	313	1.73	ND	0.00052	ND	ND	ND	ND	ND	7.2	178
04/09/19 04:30 PM	15205	314	1.75	ND	ND	ND	ND	ND	ND	ND	7.0	172
04/09/19 05:00 PM	15920	315	1.77	ND	ND	ND	ND	ND	ND	ND	7.0	184
04/09/19 05:30 PM	16361	309	1.75	ND	ND	ND	ND	ND	ND	ND	8.5	172
04/09/19 06:00 PM	16962	313	1.73	ND	ND	ND	ND	ND	0.00281	ND	9.2	176
04/09/19 06:30 PM	16554	310	1.71	ND	ND	ND	ND	ND	ND	ND	8.3	179
04/09/19 07:00 PM	16498	309	1.71	ND	ND	ND	ND	ND	ND	ND	8.4	179
04/09/19 07:30 PM	16255	306	1.70	ND	ND	ND	ND	ND	ND	ND	8.3	179
04/09/19 08:00 PM	15887	302	1.70	ND	ND	ND	ND	ND	ND	ND	7.9	179
04/09/19 08:30 PM	15638	300	1.71	ND	ND	ND	ND	ND	ND	ND	8.9	182
04/09/19 09:00 PM	16089	297	1.69	ND	0.00084	ND	ND	ND	ND	ND	8.7	185
04/09/19 09:30 PM	16968	293	1.68	ND	ND	ND	ND	ND	ND	ND	9.5	186
04/09/19 10:00 PM	16575	291	1.67	ND	ND	ND	ND	ND	ND	ND	8.9	185
04/09/19 10:30 PM	16467	290	1.67	ND	ND	ND	0.00461	ND	ND	ND	8.1	183
04/09/19 11:00 PM	16111	289	1.65	ND	ND	ND	0.00263	ND	ND	ND	8.3	182
04/09/19 11:30 PM	14992	289	1.65	ND	ND	ND	ND	ND	ND	ND	8.9	175
04/10/19 12:00 AM	14643	290	1.66	ND	ND	ND	ND	ND	ND	ND	8.9	175

Daily Processed Summary (Average, Maximum)

Average	15027	298	1.78	BDL	0.00032	BDL	0.00015	BDL	0.00033	BDL	5.3	214
Maximum Value	16968	315	2.07	BDL	0.00373	BDL	0.00461	BDL	0.00596	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/10/19 12:30 AM	14155	290	1.65	ND	ND	ND	ND	ND	ND	ND	ND	182
04/10/19 01:00 AM	13849	291	1.65	ND	ND	ND	0.00699	ND	ND	ND	ND	183
04/10/19 01:30 AM	14157	289	1.66	ND	ND	ND	ND	ND	ND	ND	ND	177
04/10/19 02:00 AM	14527	288	1.66	ND	0.00049	ND	ND	ND	ND	ND	ND	179
04/10/19 02:30 AM	14768	287	1.64	ND	ND	ND	ND	ND	ND	ND	ND	178
04/10/19 03:00 AM	15026	287	1.66	ND	ND	ND	ND	ND	ND	ND	ND	178
04/10/19 03:30 AM	15287	285	1.65	ND	0.00051	ND	ND	ND	ND	ND	ND	180
04/10/19 04:00 AM	15218	285	1.64	ND	ND	ND	ND	ND	ND	ND	ND	181
04/10/19 04:30 AM	15069	286	1.64	ND	ND	ND	ND	ND	ND	ND	ND	181
04/10/19 05:00 AM	14925	285	1.65	ND	0.00059	ND	ND	ND	ND	ND	ND	180
04/10/19 05:30 AM	14969	285	1.65	ND	ND	ND	0.00956	ND	ND	ND	ND	180
04/10/19 06:00 AM	15066	284	1.64	ND	ND	ND	0.00569	ND	ND	ND	ND	178
04/10/19 06:30 AM	15281	283	1.64	ND	ND	ND	ND	ND	ND	ND	ND	177
04/10/19 07:00 AM	15508	282	1.62	ND	ND	ND	ND	ND	0.00259	ND	ND	177
04/10/19 07:30 AM	15763	282	1.61	ND	ND	ND	ND	ND	ND	ND	ND	177
04/10/19 08:00 AM	16180	283	1.63	ND	ND	ND	ND	ND	ND	ND	ND	178
04/10/19 08:30 AM	16577	286	1.63	ND	0.00104	ND	ND	ND	ND	ND	ND	178
04/10/19 09:00 AM	16808	289	1.65	ND	ND	ND	ND	ND	ND	ND	ND	175
04/10/19 09:30 AM	16820	292	1.65	ND	ND	ND	ND	0.00360	ND	ND	ND	176
04/10/19 10:00 AM	16439	294	1.65	ND	0.00066	ND	ND	ND	ND	ND	ND	180
04/10/19 10:30 AM	16150	297	1.66	ND	0.00041	ND	ND	ND	0.00216	ND	ND	180
04/10/19 11:00 AM	16081	299	1.65	ND	ND	ND	ND	ND	ND	ND	ND	176
04/10/19 11:30 AM	15661	300	1.65	ND	ND	ND	ND	ND	ND	ND	ND	174
04/10/19 12:00 PM	15413	302	1.66	ND	ND	ND	ND	ND	ND	ND	ND	173
04/10/19 12:30 PM	15248	302	1.65	ND	ND	ND	ND	ND	ND	ND	ND	179
04/10/19 01:00 PM	15733	302	1.65	ND	0.00149	ND	0.00261	ND	ND	ND	ND	178
04/10/19 01:30 PM	15848	303	1.66	ND	ND	ND	ND	ND	ND	ND	ND	182
04/10/19 02:00 PM	15742	304	1.66	ND	ND	ND	0.00253	ND	ND	ND	ND	184
04/10/19 02:30 PM	16068	303	1.66	ND	ND	ND	ND	ND	ND	ND	ND	171
04/10/19 03:00 PM	16197	301	1.65	ND	ND	ND	ND	ND	ND	ND	ND	167
04/10/19 03:30 PM	16099	301	1.65	ND	ND	ND	ND	ND	ND	ND	ND	174
04/10/19 04:00 PM	15951	301	1.65	ND	ND	ND	ND	ND	ND	ND	ND	170
04/10/19 04:30 PM	15575	302	1.65	ND	0.00233	ND	0.00300	0.00749	ND	ND	ND	171
04/10/19 05:00 PM	15609	302	1.66	ND	ND	ND	ND	ND	0.00257	ND	ND	172
04/10/19 05:30 PM	15592	297	1.65	ND	ND	ND	ND	ND	ND	ND	ND	173
04/10/19 06:00 PM	16093	300	1.65	ND	ND	ND	ND	ND	ND	ND	ND	172
04/10/19 06:30 PM	16256	301	1.66	ND	0.00055	ND	ND	ND	ND	ND	ND	171
04/10/19 07:00 PM	16513	304	1.68	ND	ND	ND	ND	ND	ND	ND	ND	163
04/10/19 07:30 PM	16593	303	1.68	ND	0.00198	ND	ND	ND	ND	ND	ND	162
04/10/19 08:00 PM	16645	300	1.69	ND	ND	ND	ND	ND	ND	ND	ND	161
04/10/19 08:30 PM	17139	296	1.68	ND	ND	ND	ND	ND	ND	ND	ND	161
04/10/19 09:00 PM	17164	295	1.67	ND	ND	ND	ND	ND	ND	ND	ND	161
04/10/19 09:30 PM	17140	294	1.66	ND	ND	ND	ND	ND	ND	ND	ND	160
04/10/19 10:00 PM	17208	291	1.65	ND	0.00115	ND	ND	ND	ND	ND	ND	161
04/10/19 10:30 PM	17276	288	1.63	ND	0.00237	ND	ND	ND	ND	ND	ND	160
04/10/19 11:00 PM	17320	286	1.63	ND	ND	ND	ND	ND	ND	ND	ND	161
04/10/19 11:30 PM	17440	287	1.64	ND	0.00077	ND	ND	ND	ND	ND	ND	161
04/11/19 12:00 AM	17289	285	1.62	ND	0.00061	ND	ND	ND	ND	ND	ND	163

Daily Processed Summary (Average, Maximum)

Average	15905	293	1.65	BDL	0.00031	BDL	0.00063	0.00023	0.00015	BDL	15.1	171
Maximum Value	17440	304	1.69	BDL	0.00237	BDL	0.00956	0.00749	0.00259	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

## Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/11/19 12:30 AM	17460	281	1.61	ND	ND	ND	ND	ND	ND	ND	17.9	168
04/11/19 01:00 AM	17567	277	1.59	ND	ND	ND	ND	ND	ND	ND	16.8	171
04/11/19 01:30 AM	17709	275	1.60	ND	ND	ND	ND	ND	ND	ND	17.1	174
04/11/19 02:00 AM	17689	274	1.59	ND	0.00235	ND	0.00253	ND	ND	ND	19.7	175
04/11/19 02:30 AM	17640	274	1.59	ND	0.00238	ND	0.00685	ND	ND	ND	19.7	176
04/11/19 03:00 AM	17581	275	1.60	ND	ND	ND	ND	ND	ND	ND	21.9	174
04/11/19 03:30 AM	17410	276	1.60	ND	0.00148	ND	ND	ND	ND	ND	21.3	177
04/11/19 04:00 AM	17193	276	1.60	ND	ND	ND	ND	ND	ND	ND	20.5	178
04/11/19 04:30 AM	17076	276	1.60	ND	ND	ND	ND	ND	ND	ND	20.7	179
04/11/19 05:00 AM	17049	277	1.60	ND	ND	ND	ND	ND	ND	ND	20.9	179
04/11/19 05:30 AM	17054	276	1.60	ND	ND	ND	0.00331	ND	ND	ND	20.0	177
04/11/19 06:00 AM	17120	276	1.59	ND	ND	ND	ND	ND	ND	ND	20.0	176
04/11/19 06:30 AM	17137	274	1.60	ND	ND	ND	ND	ND	ND	ND	11.6	188
04/11/19 07:00 AM	17165	275	1.60	ND	ND	ND	ND	ND	ND	ND	11.5	174
04/11/19 07:30 AM	17219	276	1.60	ND	ND	ND	ND	ND	ND	ND	12.0	177
04/11/19 08:00 AM	17295	278	1.60	ND	ND	ND	ND	ND	ND	ND	9.7	179
04/11/19 08:30 AM	17408	277	1.60	ND	0.00061	ND	ND	ND	ND	ND	6.3	193
04/11/19 09:00 AM	17614	280	1.61	ND	ND	ND	ND	ND	0.00200	ND	7.7	186
04/11/19 09:30 AM	17501	285	1.62	ND	0.00064	ND	ND	ND	ND	ND	9.7	181
04/11/19 10:00 AM	17549	286	1.63	ND	0.00144	ND	ND	ND	ND	ND	9.5	174
04/11/19 10:30 AM	17638	287	1.63	ND	ND	ND	ND	ND	ND	ND	8.9	189
04/11/19 11:00 AM	17222	287	1.63	ND	0.00052	ND	ND	ND	ND	ND	9.2	192
04/11/19 11:30 AM	17186	287	1.62	ND	ND	ND	ND	ND	ND	ND	8.8	197
04/11/19 12:00 PM	17003	288	1.63	ND	ND	ND	ND	ND	ND	ND	8.4	193
04/11/19 12:30 PM	16975	286	1.63	ND	ND	ND	ND	ND	ND	ND	7.8	196
04/11/19 01:00 PM	17689	280	1.62	ND	0.00074	ND	ND	ND	ND	ND	5.0	214
04/11/19 01:30 PM	18071	282	1.62	ND	ND	ND	ND	ND	ND	ND	4.8	216
04/11/19 02:00 PM	17540	289	1.64	ND	ND	ND	ND	ND	ND	ND	5.7	219
04/11/19 02:30 PM	17305	293	1.64	ND	ND	ND	ND	ND	ND	ND	3.5	226
04/11/19 03:00 PM	17122	294	1.63	ND	ND	ND	ND	ND	ND	ND	3.3	268
04/11/19 03:30 PM	17263	299	1.66	ND	ND	ND	ND	ND	ND	ND	6.2	104
04/11/19 04:00 PM	17252	299	1.66	ND	ND	ND	0.00472	ND	ND	ND	5.6	48
04/11/19 04:30 PM	17514	300	1.66	ND	ND	ND	0.00220	ND	ND	ND	6.8	78
04/11/19 05:00 PM	16894	299	1.67	ND	ND	ND	ND	ND	ND	ND	6.0	53
04/11/19 05:30 PM	17057	298	1.68	ND	ND	ND	ND	ND	ND	ND	5.3	44
04/11/19 06:00 PM	15731	298	1.67	ND	ND	ND	ND	ND	ND	ND	7.0	39
04/11/19 06:30 PM	15455	297	1.67	ND	ND	ND	0.00229	ND	ND	ND	4.5	48
04/11/19 07:00 PM	16576	296	1.69	ND	0.00084	ND	ND	ND	ND	ND	4.3	78
04/11/19 07:30 PM	18517	288	1.66	ND	ND	ND	ND	ND	ND	ND	7.4	107
04/11/19 08:00 PM	18465	283	1.67	ND	ND	ND	ND	ND	ND	ND	4.6	99
04/11/19 08:30 PM	18285	282	1.67	ND	ND	ND	ND	0.00480	ND	ND	3.6	99
04/11/19 09:00 PM	17999	277	1.68	ND	ND	ND	ND	ND	ND	ND	2.9	86
04/11/19 09:30 PM	17594	273	1.63	ND	ND	ND	ND	ND	ND	ND	3.3	68
04/11/19 10:00 PM	17370	264	1.67	ND	ND	ND	ND	ND	ND	ND	3.4	88
04/11/19 10:30 PM	17257	261	1.72	ND	ND	ND	ND	ND	ND	ND	3.6	89
04/11/19 11:00 PM	16801	250	1.78	ND	ND	ND	ND	ND	ND	ND	3.8	95
04/11/19 11:30 PM	16187	246	2.03	ND	ND	ND	ND	ND	ND	ND	3.2	31
04/12/19 12:00 AM	15647	225	1.72	ND	ND	ND	ND	ND	ND	ND	3.8	47

## Daily Processed Summary (Average, Maximum)

Average	17272	280	1.64	BDL	0.00023	BDL	0.00046	0.00010	0.00004	BDL	7.3	169
Maximum Value	18517	300	2.03	BDL	0.00238	BDL	0.00685	0.00480	0.00200	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/12/19 12:30 AM	15459	228	2.00	ND	ND	ND	ND	ND	ND	ND	5.2	71
04/12/19 01:00 AM	13728	262	1.69	ND	ND	ND	ND	ND	ND	ND	9.1	12
04/12/19 01:30 AM	11175	281	1.78	ND	0.00064	ND	0.00321	ND	ND	ND	8.2	33
04/12/19 02:00 AM	10772	281	1.81	ND	ND	ND	ND	ND	ND	ND	7.0	40
04/12/19 02:30 AM	10672	281	1.73	ND	ND	ND	ND	ND	0.00238	ND	5.1	43
04/12/19 03:00 AM	10765	280	1.71	ND	ND	ND	ND	ND	ND	ND	5.5	43
04/12/19 03:30 AM	11079	280	1.77	ND	0.00091	ND	ND	ND	ND	ND	5.8	33
04/12/19 04:00 AM	11125	279	1.96	ND	ND	ND	ND	ND	ND	ND	6.3	27
04/12/19 04:30 AM	11079	280	1.93	ND	ND	ND	ND	ND	ND	ND	5.1	43
04/12/19 05:00 AM	10882	281	1.74	ND	ND	ND	ND	ND	ND	ND	5.7	49
04/12/19 05:30 AM	11149	281	1.76	ND	ND	ND	0.00267	ND	ND	ND	5.5	34
04/12/19 06:00 AM	11211	281	1.77	ND	ND	ND	ND	ND	0.00207	ND	6.7	45
04/12/19 06:30 AM	11174	282	1.83	ND	ND	ND	0.00250	ND	ND	ND	6.0	32
04/12/19 07:00 AM	10645	283	1.97	ND	ND	ND	ND	0.00400	ND	ND	8.2	26
04/12/19 07:30 AM	10199	283	1.83	ND	ND	ND	ND	ND	ND	ND	8.1	34
04/12/19 08:00 AM	9741	284	1.81	ND	ND	ND	ND	ND	ND	ND	7.8	43
04/12/19 08:30 AM	9521	285	1.81	ND	0.00177	ND	0.00898	ND	ND	ND	9.1	40
04/12/19 09:00 AM	9414	285	1.81	ND	ND	ND	0.00457	ND	ND	ND	9.8	36
04/12/19 09:30 AM	9539	287	1.79	ND	ND	ND	ND	ND	ND	ND	8.0	48
04/12/19 10:00 AM	9741	285	1.79	ND	0.00041	ND	ND	ND	ND	ND	9.0	62
04/12/19 10:30 AM	10129	283	1.79	ND	ND	ND	0.00645	ND	ND	ND	7.6	57
04/12/19 11:00 AM	10683	282	1.81	ND	ND	ND	ND	ND	ND	ND	8.9	64
04/12/19 11:30 AM	11278	285	1.80	ND	ND	ND	ND	ND	ND	ND	8.3	54
04/12/19 12:00 PM	12073	286	1.79	ND	0.00058	ND	ND	ND	0.00208	ND	8.4	72
04/12/19 12:30 PM	13004	287	1.77	ND	0.00081	ND	ND	ND	ND	ND	7.3	61
04/12/19 01:00 PM	14988	290	1.76	ND	0.00134	ND	ND	ND	ND	ND	7.9	83
04/12/19 01:30 PM	16321	290	1.72	ND	ND	ND	ND	ND	ND	ND	9.7	95
04/12/19 02:00 PM	17114	289	1.72	ND	0.00062	ND	ND	ND	ND	ND	9.0	94
04/12/19 02:30 PM	18186	290	1.69	ND	ND	ND	ND	ND	ND	ND	10.7	93
04/12/19 03:00 PM	18259	292	1.67	ND	ND	ND	ND	ND	ND	ND	13.2	103
04/12/19 03:30 PM	17933	291	1.67	ND	0.00065	ND	ND	ND	ND	ND	14.3	101
04/12/19 04:00 PM	17909	289	1.66	ND	ND	ND	ND	ND	ND	ND	14.2	106
04/12/19 04:30 PM	18003	285	1.65	ND	0.00137	ND	ND	ND	ND	ND	11.7	105
04/12/19 05:00 PM	17964	282	1.65	ND	0.00063	ND	ND	ND	ND	ND	12.3	108
04/12/19 05:30 PM	17991	279	1.66	ND	ND	ND	ND	ND	ND	ND	11.2	106
04/12/19 06:00 PM	17947	277	1.66	ND	ND	ND	ND	ND	ND	ND	10.7	101
04/12/19 06:30 PM	18149	276	1.67	ND	ND	ND	ND	ND	ND	ND	8.5	99
04/12/19 07:00 PM	18264	274	1.67	ND	0.00078	ND	ND	ND	ND	ND	10.2	98
04/12/19 07:30 PM	18293	270	1.62	ND	ND	ND	ND	ND	ND	ND	10.0	106
04/12/19 08:00 PM	18099	267	1.61	ND	0.00087	ND	ND	ND	ND	ND	9.5	98
04/12/19 08:30 PM	16420	220	1.46	ND	ND	ND	ND	ND	0.02177	ND	10.1	98
04/12/19 09:00 PM	16412	208	1.43	ND	ND	ND	ND	ND	ND	ND	10.3	103
04/12/19 09:30 PM	17642	241	1.52	ND	ND	ND	ND	ND	ND	ND	10.7	107
04/12/19 10:00 PM	18232	253	1.56	ND	0.00903	ND	ND	ND	ND	ND	11.0	108
04/12/19 10:30 PM	18472	257	1.55	ND	0.00861	ND	ND	ND	ND	ND	10.5	113
04/12/19 11:00 PM	18640	258	1.55	ND	0.00228	ND	ND	ND	ND	ND	11.4	115
04/12/19 11:30 PM	18665	257	1.54	ND	ND	ND	ND	ND	ND	ND	11.2	116
04/13/19 12:00 AM	18653	255	1.54	ND	ND	ND	ND	ND	ND	ND	10.9	112

Daily Processed Summary (Average, Maximum)

Average	14266	275	1.72	BDL	0.00065	BDL	0.00059	0.00008	0.00059	BDL	7.7	79
Maximum Value	18665	292	2.00	BDL	0.00903	BDL	0.00898	0.00400	0.02177	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/13/19 12:30 AM	18692	253	1.54	ND	ND	ND	ND	ND	ND	ND	11.7	113
04/13/19 01:00 AM	18619	249	1.52	ND	ND	ND	ND	ND	ND	ND	11.7	118
04/13/19 01:30 AM	18754	250	1.54	ND	ND	ND	ND	ND	ND	ND	11.8	124
04/13/19 02:00 AM	18670	248	1.52	ND	ND	ND	ND	ND	ND	ND	11.7	129
04/13/19 02:30 AM	18497	242	1.51	ND	ND	ND	ND	ND	ND	ND	12.3	134
04/13/19 03:00 AM	18478	239	1.49	ND	0.00288	ND	ND	ND	ND	ND	12.2	133
04/13/19 03:30 AM	18259	234	1.48	ND	ND	ND	ND	ND	ND	ND	11.9	135
04/13/19 04:00 AM	18548	243	1.50	ND	0.00116	ND	ND	ND	ND	ND	11.5	132
04/13/19 04:30 AM	18542	244	1.49	ND	ND	ND	ND	ND	ND	ND	13.1	135
04/13/19 05:00 AM	18584	245	1.51	ND	ND	ND	ND	ND	ND	ND	12.9	135
04/13/19 05:30 AM	18612	247	1.52	ND	0.00182	ND	ND	ND	ND	ND	11.9	135
04/13/19 06:00 AM	18522	243	1.50	ND	ND	ND	ND	ND	ND	ND	11.8	136
04/13/19 06:30 AM	18578	244	1.51	ND	ND	ND	ND	ND	ND	ND	11.5	133
04/13/19 07:00 AM	18655	248	1.52	ND	ND	ND	ND	ND	0.00254	ND	10.6	134
04/13/19 07:30 AM	18671	250	1.52	ND	ND	ND	ND	ND	ND	ND	12.0	137
04/13/19 08:00 AM	18687	252	1.52	ND	ND	ND	ND	ND	ND	ND	11.1	133
04/13/19 08:30 AM	18928	257	1.54	ND	ND	ND	ND	ND	ND	ND	11.7	135
04/13/19 09:00 AM	19355	262	1.56	ND	ND	ND	ND	ND	ND	ND	13.8	144
04/13/19 09:30 AM	19617	265	1.59	ND	ND	ND	ND	ND	ND	ND	14.3	166
04/13/19 10:00 AM	19581	267	1.59	ND	ND	ND	ND	ND	ND	ND	12.6	173
04/13/19 10:30 AM	19564	268	1.58	ND	ND	ND	ND	ND	ND	ND	13.5	179
04/13/19 11:00 AM	20042	276	1.60	ND	ND	ND	ND	ND	ND	ND	15.3	183
04/13/19 11:30 AM	20209	279	1.61	ND	ND	ND	ND	ND	ND	ND	12.6	199
04/13/19 12:00 PM	19853	279	1.61	ND	ND	ND	ND	ND	ND	ND	11.6	202
04/13/19 12:30 PM	19554	278	1.62	ND	ND	ND	ND	ND	ND	ND	12.5	201
04/13/19 01:00 PM	19858	280	1.62	ND	ND	ND	ND	ND	ND	ND	11.5	198
04/13/19 01:30 PM	19580	282	1.63	ND	ND	ND	ND	ND	ND	ND	9.9	225
04/13/19 02:00 PM	17761	286	1.64	ND	ND	ND	ND	ND	ND	ND	12.8	263
04/13/19 02:30 PM	15820	291	1.66	ND	ND	ND	ND	ND	ND	ND	17.5	281
04/13/19 03:00 PM	11664	298	1.68	ND	ND	ND	ND	ND	ND	ND	19.9	285
04/13/19 03:30 PM	8996	302	1.69	ND	ND	ND	ND	ND	ND	ND	19.6	285
04/13/19 04:00 PM	8988	301	1.70	ND	ND	ND	ND	ND	ND	ND	21.1	287
04/13/19 04:30 PM	9174	300	1.69	ND	ND	ND	ND	ND	0.00217	ND	21.8	290
04/13/19 05:00 PM	9306	297	1.69	ND	ND	ND	0.00521	ND	ND	ND	20.4	287
04/13/19 05:30 PM	8569	294	1.69	ND	ND	ND	ND	ND	ND	ND	20.9	292
04/13/19 06:00 PM	8453	296	1.71	ND	ND	ND	ND	ND	ND	ND	23.9	295
04/13/19 06:30 PM	8666	296	1.72	ND	ND	ND	0.00260	ND	ND	ND	24.2	302
04/13/19 07:00 PM	9629	294	1.73	ND	ND	ND	ND	ND	ND	ND	22.7	317
04/13/19 07:30 PM	9088	290	1.72	ND	0.00064	ND	ND	ND	ND	ND	21.7	320
04/13/19 08:00 PM	9025	286	1.71	ND	ND	ND	ND	ND	ND	ND	18.5	316
04/13/19 08:30 PM	9006	283	1.70	ND	ND	ND	ND	ND	0.00210	ND	16.3	318
04/13/19 09:00 PM	8855	282	1.69	ND	0.00050	ND	ND	ND	ND	ND	21.4	333
04/13/19 09:30 PM	8443	277	1.67	ND	0.00175	ND	ND	ND	ND	ND	20.1	343
04/13/19 10:00 PM	8023	275	1.67	ND	ND	ND	ND	ND	ND	ND	19.6	334
04/13/19 10:30 PM	7600	273	1.68	ND	ND	ND	ND	ND	ND	ND	22.4	332
04/13/19 11:00 PM	7230	272	1.68	ND	ND	ND	ND	ND	ND	ND	21.0	337
04/13/19 11:30 PM	6715	272	1.67	ND	ND	ND	ND	ND	ND	ND	20.6	335
04/14/19 12:00 AM	6251	269	1.69	ND	ND	ND	ND	ND	ND	ND	16.6	337

## Daily Processed Summary (Average, Maximum)

Average	14808	270	1.61	BDL	0.00018	BDL	0.00016	BDL	0.00014	BDL	3.4	270
Maximum Value	20209	302	1.73	BDL	0.00288	BDL	0.00521	BDL	0.00254	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/14/19 12:30 AM	6099	268	1.70	ND	ND	ND	ND	0.00267	ND	ND	15.8	328
04/14/19 01:00 AM	6003	267	1.70	ND	ND	ND	0.00310	ND	ND	ND	16.1	331
04/14/19 01:30 AM	5752	265	1.69	ND	ND	ND	ND	ND	ND	ND	15.7	327
04/14/19 02:00 AM	5674	264	1.69	ND	ND	ND	ND	ND	ND	ND	17.8	330
04/14/19 02:30 AM	5595	263	1.70	ND	ND	ND	ND	ND	ND	ND	11.8	325
04/14/19 03:00 AM	5621	261	1.70	ND	ND	ND	ND	ND	ND	ND	9.6	311
04/14/19 03:30 AM	5700	260	1.68	ND	0.00060	ND	ND	ND	ND	ND	8.3	309
04/14/19 04:00 AM	5823	259	1.69	ND	ND	ND	ND	ND	0.00488	ND	8.7	307
04/14/19 04:30 AM	5695	258	1.70	ND	ND	ND	ND	ND	ND	ND	9.1	315
04/14/19 05:00 AM	5504	258	1.72	ND	ND	0.00304	ND	ND	ND	ND	10.0	328
04/14/19 05:30 AM	5617	258	1.71	ND	ND	ND	ND	ND	ND	ND	9.5	309
04/14/19 06:00 AM	5795	257	1.68	ND	ND	ND	ND	ND	ND	ND	8.6	290
04/14/19 06:30 AM	5922	255	1.69	ND	0.00069	ND	ND	ND	ND	ND	9.6	294
04/14/19 07:00 AM	5884	254	1.68	ND	ND	ND	ND	ND	ND	ND	8.9	291
04/14/19 07:30 AM	6022	255	1.68	ND	0.00114	ND	ND	ND	0.00259	ND	9.2	285
04/14/19 08:00 AM	6113	259	1.69	ND	ND	ND	ND	ND	ND	ND	10.9	285
04/14/19 08:30 AM	6167	265	1.71	ND	ND	ND	ND	ND	ND	ND	11.5	293
04/14/19 09:00 AM	6098	270	1.71	ND	ND	ND	0.00603	ND	ND	ND	13.3	310
04/14/19 09:30 AM	5967	275	1.73	ND	ND	ND	ND	ND	ND	ND	16.3	322
04/14/19 10:00 AM	6010	279	1.73	ND	ND	ND	ND	ND	ND	ND	17.0	333
04/14/19 10:30 AM	6055	282	1.71	ND	0.00051	ND	ND	ND	ND	ND	16.4	342
04/14/19 11:00 AM	6057	284	1.72	ND	ND	ND	ND	ND	ND	ND	17.3	347
04/14/19 11:30 AM	6080	286	1.71	ND	ND	ND	0.00221	ND	ND	ND	16.4	349
04/14/19 12:00 PM	6306	287	1.71	ND	ND	ND	ND	ND	ND	ND	13.6	346
04/14/19 12:30 PM	6362	289	1.71	ND	ND	ND	ND	ND	ND	ND	12.2	342
04/14/19 01:00 PM	6263	289	1.71	ND	0.00078	ND	ND	ND	ND	ND	11.5	328
04/14/19 01:30 PM	6378	289	1.71	ND	0.00118	ND	ND	ND	ND	ND	10.3	335
04/14/19 02:00 PM	6476	289	1.71	ND	ND	ND	ND	ND	ND	ND	10.1	343
04/14/19 02:30 PM	6569	290	1.71	ND	ND	ND	ND	ND	ND	ND	9.7	335
04/14/19 03:00 PM	6449	291	1.71	ND	ND	ND	ND	ND	ND	ND	8.8	332
04/14/19 03:30 PM	6454	292	1.71	ND	0.00056	ND	ND	ND	ND	ND	8.1	329
04/14/19 04:00 PM	6342	293	1.71	ND	ND	ND	ND	ND	ND	ND	7.7	285
04/14/19 04:30 PM	6451	293	1.71	ND	ND	ND	ND	ND	ND	ND	6.9	316
04/14/19 05:00 PM	5971	293	1.72	ND	ND	ND	ND	ND	ND	ND	8.1	314
04/14/19 05:30 PM	5905	288	1.70	ND	ND	ND	ND	ND	ND	ND	6.8	308
04/14/19 06:00 PM	5811	291	1.72	ND	0.00059	ND	ND	ND	ND	ND	7.1	318
04/14/19 06:30 PM	6057	293	1.72	ND	ND	ND	ND	ND	ND	ND	7.3	321
04/14/19 07:00 PM	6126	291	1.72	ND	0.00062	ND	ND	ND	ND	ND	5.4	336
04/14/19 07:30 PM	6737	289	1.73	ND	ND	ND	ND	ND	ND	ND	2.9	138
04/14/19 08:00 PM	7598	286	2.19	ND	ND	ND	ND	ND	ND	ND	2.2	55
04/14/19 08:30 PM	7668	282	1.91	ND	0.00397	ND	ND	ND	ND	ND	1.7	84
04/14/19 09:00 PM	7764	278	1.90	ND	ND	ND	ND	ND	ND	ND	2.0	83
04/14/19 09:30 PM	7587	276	1.83	ND	ND	ND	ND	ND	ND	ND	3.4	116
04/14/19 10:00 PM	7518	275	1.86	ND	ND	ND	ND	ND	ND	ND	4.8	144
04/14/19 10:30 PM	10014	268	1.70	ND	ND	ND	ND	ND	ND	ND	6.4	186
04/14/19 11:00 PM	10491	267	1.67	ND	ND	ND	ND	ND	ND	ND	6.7	192
04/14/19 11:30 PM	10576	266	1.65	ND	ND	ND	ND	ND	ND	ND	6.7	196
04/15/19 12:00 AM	10538	267	1.65	ND	ND	ND	0.00667	ND	ND	ND	6.5	200

Daily Processed Summary (Average, Maximum)

Average	6576	275	1.73	BDL	0.00022	BDL	0.00044	0.00006	0.00016	BDL	7.7	321
Maximum Value	10576	293	2.19	BDL	0.00397	BDL	0.00667	0.00267	0.00488	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

## Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/15/19 12:30 AM	10639	266	1.65	ND	ND	ND	ND	ND	ND	ND	5.9	196
04/15/19 01:00 AM	10703	265	1.65	ND	ND	ND	ND	ND	ND	ND	4.8	194
04/15/19 01:30 AM	10464	263	1.64	ND	ND	ND	ND	ND	ND	ND	5.3	192
04/15/19 02:00 AM	10358	264	1.66	ND	0.00087	ND	ND	ND	0.00234	ND	6.2	187
04/15/19 02:30 AM	10451	264	1.68	ND	ND	ND	ND	ND	0.00351	ND	5.4	190
04/15/19 03:00 AM	10168	264	1.67	ND	ND	ND	ND	ND	ND	ND	5.7	178
04/15/19 03:30 AM	10323	263	1.68	ND	ND	ND	ND	ND	ND	ND	6.4	189
04/15/19 04:00 AM	10355	264	1.69	ND	ND	ND	ND	0.00600	ND	ND	6.0	192
04/15/19 04:30 AM	10253	265	1.68	ND	ND	ND	ND	ND	0.00228	ND	6.2	182
04/15/19 05:00 AM	10240	264	1.67	ND	ND	ND	ND	ND	ND	ND	7.3	184
04/15/19 05:30 AM	10427	264	1.66	ND	ND	ND	ND	ND	ND	ND	7.0	185
04/15/19 06:00 AM	10558	264	1.64	ND	ND	ND	ND	ND	ND	ND	6.0	187
04/15/19 06:30 AM	10560	263	1.65	ND	0.00082	ND	0.00277	ND	ND	ND	5.6	186
04/15/19 07:00 AM	10468	264	1.65	ND	ND	ND	ND	ND	ND	ND	5.8	190
04/15/19 07:30 AM	10649	264	1.66	ND	ND	ND	0.00385	ND	ND	ND	5.7	171
04/15/19 08:00 AM	10987	272	1.70	ND	ND	0.02969	ND	ND	ND	ND	5.1	155
04/15/19 08:30 AM	11237	276	1.67	ND	ND	ND	ND	ND	ND	ND	9.0	176
04/15/19 09:00 AM	11371	278	1.67	ND	ND	ND	ND	ND	ND	ND	11.0	178
04/15/19 09:30 AM	11614	281	1.69	ND	ND	ND	ND	ND	ND	ND	12.2	176
04/15/19 10:00 AM	11849	284	1.70	ND	ND	ND	ND	ND	ND	ND	14.1	166
04/15/19 10:30 AM	11752	284	1.70	ND	ND	ND	ND	ND	ND	ND	14.8	175
04/15/19 11:00 AM	11684	285	1.69	ND	0.00058	ND	ND	ND	ND	ND	14.7	177
04/15/19 11:30 AM	11760	286	1.69	ND	0.00205	ND	ND	ND	ND	ND	15.9	173
04/15/19 12:00 PM	11778	287	1.69	ND	ND	ND	ND	ND	ND	ND	14.9	175
04/15/19 12:30 PM	11933	288	1.70	ND	ND	ND	ND	ND	ND	ND	14.2	168
04/15/19 01:00 PM	11850	289	1.70	ND	ND	ND	ND	ND	ND	ND	14.9	158
04/15/19 01:30 PM	11827	289	1.69	ND	ND	ND	ND	ND	ND	ND	13.8	156
04/15/19 02:00 PM	12274	288	1.69	ND	ND	ND	ND	ND	0.00364	ND	15.7	150
04/15/19 02:30 PM	12598	287	1.69	ND	ND	ND	0.00536	ND	ND	ND	15.3	150
04/15/19 03:00 PM	12904	287	1.69	ND	ND	0.00396	ND	ND	ND	ND	15.4	157
04/15/19 03:30 PM	13199	286	1.69	ND	ND	ND	ND	ND	ND	ND	14.3	153
04/15/19 04:00 PM	13183	273	1.65	ND	ND	ND	ND	ND	ND	ND	15.9	156
04/15/19 04:30 PM	13303	273	1.66	ND	ND	ND	ND	ND	ND	ND	14.4	148
04/15/19 05:00 PM	13235	270	1.65	ND	ND	ND	ND	ND	ND	ND	14.6	144
04/15/19 05:30 PM	13014	261	1.63	ND	ND	ND	ND	ND	ND	ND	16.2	144
04/15/19 06:00 PM	13614	277	1.67	ND	ND	ND	ND	ND	ND	ND	17.5	147
04/15/19 06:30 PM	13749	281	1.69	ND	ND	ND	ND	ND	0.00216	ND	16.6	149
04/15/19 07:00 PM	13772	279	1.67	ND	ND	ND	ND	ND	ND	ND	15.8	142
04/15/19 07:30 PM	13811	275	1.67	ND	ND	ND	ND	ND	ND	ND	13.9	138
04/15/19 08:00 PM	13771	270	1.65	ND	ND	ND	ND	ND	ND	ND	12.3	138
04/15/19 08:30 PM	13837	267	1.64	ND	0.00177	ND	ND	ND	ND	ND	11.7	135
04/15/19 09:00 PM	13766	265	1.63	ND	ND	ND	ND	ND	ND	ND	12.2	136
04/15/19 09:30 PM	13706	263	1.62	ND	ND	ND	ND	ND	ND	ND	11.0	135
04/15/19 10:00 PM	13620	263	1.62	ND	ND	ND	ND	ND	ND	ND	12.7	138
04/15/19 10:30 PM	13850	263	1.63	ND	ND	ND	ND	ND	ND	ND	12.6	142
04/15/19 11:00 PM	13922	263	1.62	ND	0.00092	ND	ND	ND	ND	ND	13.7	146
04/15/19 11:30 PM	14055	263	1.62	ND	ND	ND	ND	ND	ND	ND	12.3	148
04/16/19 12:00 AM	14048	263	1.63	ND	ND	ND	ND	ND	ND	ND	13.8	146

## Daily Processed Summary (Average, Maximum)

Average	12073	272	1.66	BDL	0.00015	0.00070	0.00025	0.00013	0.00029	BDL	10.8	159
Maximum Value	14055	289	1.70	BDL	0.00205	0.02969	0.00536	0.00600	0.00364	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/16/19 12:30 AM	14057	263	1.62	ND	ND	ND	ND	ND	ND	ND	13.9	148
04/16/19 01:00 AM	14294	265	1.64	ND	ND	ND	ND	ND	ND	ND	13.5	151
04/16/19 01:30 AM	14467	268	1.66	ND	0.00081	ND	ND	ND	ND	ND	11.5	154
04/16/19 02:00 AM	14335	263	1.63	ND	ND	ND	ND	ND	ND	ND	15.0	146
04/16/19 02:30 AM	14482	261	1.61	ND	ND	ND	ND	ND	ND	ND	15.2	145
04/16/19 03:00 AM	14687	262	1.63	ND	ND	ND	0.00644	ND	ND	ND	14.8	149
04/16/19 03:30 AM	14855	260	1.62	ND	ND	ND	ND	ND	ND	ND	14.5	149
04/16/19 04:00 AM	14998	260	1.63	ND	ND	ND	ND	0.00286	ND	ND	14.0	150
04/16/19 04:30 AM	14931	260	1.62	ND	ND	ND	ND	ND	ND	ND	15.2	149
04/16/19 05:00 AM	14942	260	1.62	ND	ND	ND	ND	ND	ND	ND	14.9	149
04/16/19 05:30 AM	14963	259	1.62	ND	ND	ND	ND	ND	ND	ND	15.2	149
04/16/19 06:00 AM	15047	260	1.63	ND	ND	ND	ND	ND	ND	ND	12.9	152
04/16/19 06:30 AM	15098	259	1.62	ND	0.00172	ND	ND	ND	ND	ND	12.8	149
04/16/19 07:00 AM	15254	257	1.61	ND	ND	ND	ND	ND	ND	ND	13.9	148
04/16/19 07:30 AM	15505	257	1.62	ND	ND	ND	ND	0.00237	ND	ND	13.8	150
04/16/19 08:00 AM	15713	262	1.64	ND	ND	ND	ND	ND	ND	ND	13.0	152
04/16/19 08:30 AM	15833	266	1.65	ND	0.00083	ND	ND	ND	ND	ND	12.0	153
04/16/19 09:00 AM	15877	271	1.67	ND	0.00074	ND	ND	ND	ND	ND	13.2	157
04/16/19 09:30 AM	16025	275	1.68	ND	ND	ND	ND	ND	ND	ND	13.7	159
04/16/19 10:00 AM	15806	274	1.66	ND	0.00088	ND	ND	ND	ND	ND	14.0	158
04/16/19 10:30 AM	16076	277	1.66	ND	ND	ND	ND	ND	ND	ND	14.7	161
04/16/19 11:00 AM	16033	276	1.67	ND	ND	ND	ND	ND	ND	ND	16.1	158
04/16/19 11:30 AM	16000	276	1.66	ND	ND	ND	ND	ND	ND	ND	16.7	160
04/16/19 12:00 PM	16012	275	1.65	ND	0.00151	ND	ND	ND	ND	ND	16.5	157
04/16/19 12:30 PM	15988	275	1.64	ND	ND	ND	0.00351	ND	ND	ND	18.8	155
04/16/19 01:00 PM	16093	273	1.64	ND	ND	ND	ND	ND	ND	ND	18.6	152
04/16/19 01:30 PM	16092	274	1.64	ND	ND	ND	ND	ND	ND	ND	19.5	153
04/16/19 02:00 PM	16376	274	1.65	ND	ND	ND	ND	ND	ND	ND	17.4	151
04/16/19 02:30 PM	16444	273	1.64	ND	ND	ND	ND	ND	ND	ND	18.7	148
04/16/19 03:00 PM	16311	271	1.63	ND	ND	ND	ND	ND	ND	ND	18.2	148
04/16/19 03:30 PM	16532	271	1.62	ND	ND	ND	ND	0.00249	ND	ND	16.3	149
04/16/19 04:00 PM	16275	269	1.62	ND	ND	ND	ND	ND	ND	ND	17.7	147
04/16/19 04:30 PM	16414	267	1.62	ND	ND	ND	ND	ND	ND	ND	16.5	148
04/16/19 05:00 PM	16509	266	1.62	ND	ND	ND	ND	ND	ND	ND	16.2	149
04/16/19 05:30 PM	16512	264	1.62	ND	0.00071	ND	ND	ND	ND	ND	16.4	148
04/16/19 06:00 PM	16483	263	1.60	ND	ND	ND	ND	ND	ND	ND	15.4	143
04/16/19 06:30 PM	16487	263	1.61	ND	ND	ND	ND	ND	ND	ND	15.1	140
04/16/19 07:00 PM	16540	263	1.61	ND	0.00323	ND	ND	ND	ND	ND	15.4	140
04/16/19 07:30 PM	16530	259	1.60	ND	ND	ND	ND	ND	ND	ND	12.8	135
04/16/19 08:00 PM	16476	254	1.59	ND	ND	ND	ND	ND	ND	ND	10.5	134
04/16/19 08:30 PM	16453	249	1.58	ND	ND	ND	ND	ND	ND	ND	10.3	132
04/16/19 09:00 PM	16488	246	1.57	ND	ND	ND	ND	ND	ND	ND	10.4	133
04/16/19 09:30 PM	16415	243	1.57	ND	ND	ND	ND	ND	ND	ND	11.0	133
04/16/19 10:00 PM	16468	243	1.56	ND	ND	ND	ND	ND	ND	ND	9.9	132
04/16/19 10:30 PM	16508	241	1.55	ND	ND	ND	ND	ND	ND	ND	10.0	132
04/16/19 11:00 PM	16533	239	1.54	ND	ND	ND	ND	ND	ND	ND	11.8	133
04/16/19 11:30 PM	16565	239	1.54	ND	0.00106	ND	ND	ND	ND	ND	11.1	134
04/17/19 12:00 AM	16562	238	1.54	ND	ND	ND	ND	ND	ND	ND	12.4	136

Daily Processed Summary (Average, Maximum)

Average	15820	262	1.62	BDL	0.00024	BDL	0.00021	BDL	0.00016	BDL	14.3	148
Maximum Value	16565	277	1.68	BDL	0.00323	BDL	0.00644	BDL	0.00286	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/17/19 12:30 AM	16679	238	1.54	ND	ND	ND	ND	ND	ND	ND	11.3	135
04/17/19 01:00 AM	16749	239	1.55	ND	ND	ND	ND	ND	ND	ND	11.0	132
04/17/19 01:30 AM	16791	240	1.54	ND	ND	ND	ND	ND	ND	ND	10.6	132
04/17/19 02:00 AM	16774	238	1.54	ND	ND	ND	ND	ND	ND	ND	11.5	135
04/17/19 02:30 AM	16947	238	1.54	ND	ND	ND	ND	ND	ND	ND	11.4	144
04/17/19 03:00 AM	17135	240	1.55	ND	0.00126	ND	ND	ND	ND	ND	14.7	148
04/17/19 03:30 AM	17388	242	1.57	ND	0.00267	ND	ND	ND	ND	ND	12.7	153
04/17/19 04:00 AM	17414	240	1.55	ND	ND	ND	ND	ND	ND	ND	14.4	149
04/17/19 04:30 AM	17376	237	1.54	ND	ND	ND	ND	ND	ND	ND	14.7	147
04/17/19 05:00 AM	17466	236	1.54	ND	ND	ND	ND	ND	ND	ND	13.6	150
04/17/19 05:30 AM	17505	233	1.52	ND	ND	ND	ND	ND	ND	ND	14.1	148
04/17/19 06:00 AM	17463	230	1.52	ND	ND	ND	ND	ND	ND	ND	13.8	146
04/17/19 06:30 AM	17493	229	1.51	ND	ND	ND	ND	ND	ND	ND	16.5	148
04/17/19 07:00 AM	17461	227	1.51	ND	ND	ND	ND	ND	ND	ND	18.5	147
04/17/19 07:30 AM	17424	227	1.51	ND	ND	ND	ND	ND	ND	ND	16.9	145
04/17/19 08:00 AM	17617	232	1.53	ND	ND	ND	ND	ND	ND	ND	12.7	156
04/17/19 08:30 AM	17810	238	1.56	ND	ND	ND	ND	ND	ND	ND	14.7	164
04/17/19 09:00 AM	17904	240	1.56	ND	ND	ND	ND	ND	ND	ND	12.7	156
04/17/19 09:30 AM	17871	239	1.55	ND	ND	ND	ND	ND	ND	ND	13.6	159
04/17/19 10:00 AM	17894	236	1.56	ND	ND	ND	ND	ND	ND	ND	14.8	152
04/17/19 10:30 AM	17687	229	1.51	ND	ND	ND	ND	ND	ND	ND	17.3	145
04/17/19 11:00 AM	18139	241	1.53	ND	ND	ND	ND	ND	ND	ND	18.1	150
04/17/19 11:30 AM	18733	249	1.57	ND	0.00317	ND	ND	ND	ND	ND	15.1	141
04/17/19 12:00 PM	18578	248	1.57	ND	ND	ND	ND	ND	ND	ND	18.0	156
04/17/19 12:30 PM	18469	244	1.57	ND	ND	ND	ND	ND	ND	ND	19.6	152
04/17/19 01:00 PM	18410	243	1.57	ND	0.00140	ND	ND	ND	ND	ND	18.8	152
04/17/19 01:30 PM	18417	242	1.56	ND	ND	ND	ND	ND	ND	ND	20.2	150
04/17/19 02:00 PM	18325	243	1.55	ND	0.00088	ND	ND	ND	ND	ND	18.1	149
04/17/19 02:30 PM	17837	232	1.53	ND	0.00361	ND	ND	ND	ND	ND	16.8	149
04/17/19 03:00 PM	18054	236	1.53	ND	ND	ND	ND	ND	ND	ND	16.2	146
04/17/19 03:30 PM	18302	240	1.55	ND	ND	ND	ND	ND	ND	ND	16.7	150
04/17/19 04:00 PM	18058	239	1.54	ND	0.00150	ND	ND	ND	ND	ND	17.3	146
04/17/19 04:30 PM	16208	196	1.39	ND	ND	ND	ND	ND	ND	ND	16.6	143
04/17/19 05:00 PM	17838	234	1.51	ND	0.00214	ND	ND	ND	ND	ND	18.3	141
04/17/19 05:30 PM	18254	241	1.54	ND	0.00148	ND	ND	ND	ND	ND	17.5	135
04/17/19 06:00 PM	18180	239	1.53	ND	ND	ND	ND	ND	ND	ND	15.7	131
04/17/19 06:30 PM	17974	233	1.50	ND	ND	ND	ND	ND	ND	ND	14.4	128
04/17/19 07:00 PM	17913	228	1.50	ND	ND	ND	ND	ND	ND	ND	14.9	129
04/17/19 07:30 PM	17672	222	1.47	ND	ND	ND	ND	ND	ND	ND	15.3	130
04/17/19 08:00 PM	17563	217	1.46	ND	ND	ND	ND	ND	ND	ND	14.9	130
04/17/19 08:30 PM	17549	215	1.46	ND	ND	ND	ND	ND	ND	ND	13.6	129
04/17/19 09:00 PM	17598	214	1.45	ND	ND	ND	ND	ND	ND	ND	12.4	131
04/17/19 09:30 PM	17484	211	1.44	ND	ND	ND	ND	ND	ND	ND	12.8	133
04/17/19 10:00 PM	17626	212	1.44	ND	ND	ND	ND	ND	ND	ND	14.1	136
04/17/19 10:30 PM	17594	212	1.44	ND	ND	ND	ND	ND	ND	ND	13.4	134
04/17/19 11:00 PM	17640	214	1.43	ND	ND	ND	ND	ND	ND	ND	16.4	141
04/17/19 11:30 PM	17655	213	1.42	ND	ND	ND	ND	ND	ND	ND	16.5	139
04/18/19 12:00 AM	17656	213	1.42	ND	ND	ND	ND	ND	ND	ND	15.2	141

Daily Processed Summary (Average, Maximum)

Average	17679	232	1.52	BDL	0.00038	BDL	BDL	BDL	BDL	BDL	15.0	144
Maximum Value	18733	249	1.57	BDL	0.00361	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/18/19 12:30 AM	17564	211	1.41	ND	ND	ND	ND	ND	ND	ND	15.5	141
04/18/19 01:00 AM	17677	212	1.42	ND	ND	ND	ND	ND	ND	ND	17.6	147
04/18/19 01:30 AM	17512	211	1.45	ND	ND	ND	ND	ND	ND	ND	19.8	155
04/18/19 02:00 AM	17544	216	1.49	ND	ND	ND	ND	ND	ND	ND	22.2	156
04/18/19 02:30 AM	17482	216	1.47	ND	0.00209	ND	ND	ND	ND	ND	23.6	159
04/18/19 03:00 AM	17439	214	1.45	ND	ND	ND	ND	ND	ND	ND	16.9	228
04/18/19 03:30 AM	17324	215	1.43	ND	0.00150	ND	ND	ND	ND	ND	12.5	274
04/18/19 04:00 AM	14359	224	1.49	ND	ND	ND	ND	ND	ND	ND	17.6	336
04/18/19 04:30 AM	10818	179	1.36	ND	ND	ND	ND	ND	ND	ND	16.8	13
04/18/19 05:00 AM	9850	155	1.27	ND	ND	ND	ND	ND	ND	ND	12.0	28
04/18/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	15.0	23
04/18/19 06:00 AM	11028	185	1.38	ND	0.00413	ND	ND	ND	ND	ND	16.8	121
04/18/19 06:30 AM	9223	138	1.18	ND	ND	ND	ND	ND	ND	ND	13.1	33
04/18/19 07:00 AM	10723	177	1.37	ND	ND	ND	ND	ND	ND	ND	11.7	72
04/18/19 07:30 AM	10866	184	1.41	ND	ND	ND	ND	ND	ND	ND	10.6	73
04/18/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	53
04/18/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.0	68
04/18/19 09:00 AM	11154	188	1.36	ND	ND	ND	ND	ND	ND	ND	12.0	68
04/18/19 09:30 AM	12883	234	1.54	ND	ND	ND	ND	ND	ND	ND	8.8	73
04/18/19 10:00 AM	14186	276	1.66	ND	ND	ND	ND	ND	ND	ND	9.7	62
04/18/19 10:30 AM	14546	291	1.70	ND	ND	ND	ND	ND	ND	ND	6.9	130
04/18/19 11:00 AM	14857	294	1.73	ND	ND	ND	ND	ND	ND	ND	9.6	307
04/18/19 11:30 AM	14658	295	1.69	ND	ND	ND	ND	ND	ND	ND	12.1	304
04/18/19 12:00 PM	14285	296	1.69	ND	ND	ND	ND	ND	ND	ND	11.4	303
04/18/19 12:30 PM	14173	298	1.69	ND	ND	ND	ND	ND	ND	ND	13.6	302
04/18/19 01:00 PM	14063	299	1.70	ND	ND	ND	ND	ND	ND	ND	13.7	295
04/18/19 01:30 PM	14102	300	1.71	ND	ND	ND	ND	ND	ND	ND	13.0	284
04/18/19 02:00 PM	14194	300	1.74	ND	ND	ND	ND	ND	ND	ND	13.7	286
04/18/19 02:30 PM	13968	301	1.78	ND	ND	ND	ND	ND	ND	ND	17.5	297
04/18/19 03:00 PM	13458	302	1.75	ND	ND	ND	ND	ND	ND	ND	19.7	306
04/18/19 03:30 PM	13312	303	1.73	ND	ND	ND	ND	ND	ND	ND	17.2	315
04/18/19 04:00 PM	13486	303	1.72	ND	ND	ND	ND	ND	ND	ND	20.1	316
04/18/19 04:30 PM	12951	305	1.71	ND	ND	ND	ND	ND	ND	ND	22.4	327
04/18/19 05:00 PM	13334	304	1.73	ND	0.00054	ND	ND	ND	ND	ND	22.4	326
04/18/19 05:30 PM	13201	301	1.73	ND	0.00046	ND	ND	ND	ND	ND	19.8	336
04/18/19 06:00 PM	12521	302	1.73	ND	0.00061	ND	ND	ND	ND	ND	19.7	336
04/18/19 06:30 PM	12318	305	1.73	ND	ND	ND	ND	ND	ND	ND	19.2	333
04/18/19 07:00 PM	11440	306	1.72	ND	ND	ND	0.00287	ND	ND	ND	20.9	331
04/18/19 07:30 PM	11105	304	1.71	ND	ND	ND	ND	ND	ND	ND	16.2	339
04/18/19 08:00 PM	10220	300	1.71	ND	ND	ND	ND	ND	ND	ND	16.5	333
04/18/19 08:30 PM	9309	298	1.72	ND	ND	ND	ND	ND	ND	ND	15.2	335
04/18/19 09:00 PM	9606	294	1.70	ND	0.00065	ND	ND	ND	ND	ND	8.8	342
04/18/19 09:30 PM	10038	292	1.73	ND	ND	ND	ND	ND	ND	ND	6.8	329
04/18/19 10:00 PM	10113	291	2.08	ND	ND	0.00664	ND	ND	ND	ND	6.8	330
04/18/19 10:30 PM	10195	291	1.92	ND	0.00057	ND	ND	ND	ND	ND	7.2	331
04/18/19 11:00 PM	10217	289	1.82	ND	ND	ND	ND	ND	ND	ND	7.0	326
04/18/19 11:30 PM	10044	289	1.75	ND	ND	ND	ND	ND	0.00174	ND	5.5	316
04/19/19 12:00 AM	9828	288	1.75	ND	ND	ND	0.00245	ND	ND	ND	5.7	299

Daily Processed Summary (Average, Maximum)

Average	12959	262	1.62	BDL	0.00022	BDL	0.00025	BDL	0.00004	BDL	6.0	336
Maximum Value	17677	306	2.08	BDL	0.00413	BDL	0.00664	BDL	0.00174	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/19/19 12:30 AM	9932	287	1.74	ND	ND	ND	ND	ND	ND	ND	5.7	304
04/19/19 01:00 AM	9846	288	1.74	ND	ND	ND	ND	ND	0.00302	ND	5.1	295
04/19/19 01:30 AM	9891	288	1.75	ND	ND	ND	ND	ND	0.00492	ND	4.3	280
04/19/19 02:00 AM	10199	287	1.75	ND	0.00041	ND	0.00196	ND	ND	ND	5.1	285
04/19/19 02:30 AM	9793	287	1.76	ND	ND	ND	ND	ND	ND	ND	4.8	291
04/19/19 03:00 AM	9725	288	1.82	ND	0.00208	ND	ND	ND	ND	ND	5.3	287
04/19/19 03:30 AM	9730	288	1.87	ND	0.00041	ND	ND	ND	ND	ND	4.8	297
04/19/19 04:00 AM	9696	287	1.86	ND	0.00087	ND	ND	ND	0.00187	ND	6.8	310
04/19/19 04:30 AM	9341	289	1.87	ND	ND	ND	ND	ND	ND	ND	8.1	320
04/19/19 05:00 AM	8979	287	1.85	ND	ND	ND	0.00680	ND	ND	ND	8.4	319
04/19/19 05:30 AM	8821	289	1.90	ND	ND	ND	ND	ND	ND	ND	10.3	328
04/19/19 06:00 AM	8998	287	1.89	ND	ND	ND	0.00481	ND	ND	ND	8.8	324
04/19/19 06:30 AM	8942	285	1.95	ND	ND	ND	ND	ND	ND	ND	9.3	332
04/19/19 07:00 AM	8899	286	1.94	ND	ND	ND	ND	ND	ND	ND	9.4	330
04/19/19 07:30 AM	8913	286	1.95	ND	ND	ND	ND	ND	ND	ND	8.1	317
04/19/19 08:00 AM	8958	286	1.86	ND	ND	ND	ND	ND	ND	ND	7.1	312
04/19/19 08:30 AM	8975	291	1.87	ND	ND	ND	ND	ND	ND	ND	10.1	326
04/19/19 09:00 AM	8907	295	1.84	ND	ND	ND	ND	ND	ND	ND	12.8	332
04/19/19 09:30 AM	8543	298	1.76	ND	ND	ND	ND	ND	ND	ND	14.1	340
04/19/19 10:00 AM	7768	298	1.74	ND	ND	ND	0.00250	ND	0.00184	ND	15.6	342
04/19/19 10:30 AM	7638	297	1.73	ND	0.00096	ND	ND	ND	0.00155	ND	15.2	340
04/19/19 11:00 AM	7925	298	1.74	ND	ND	ND	ND	ND	ND	ND	13.9	336
04/19/19 11:30 AM	6885	269	1.60	ND	ND	ND	ND	ND	ND	ND	15.8	332
04/19/19 12:00 PM	6633	271	1.60	ND	0.00128	ND	ND	ND	0.00581	ND	17.2	329
04/19/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.1	332
04/19/19 01:00 PM	7849	302	1.76	ND	ND	ND	ND	ND	ND	ND	18.7	332
04/19/19 01:30 PM	5932	274	1.61	ND	0.00042	ND	ND	ND	ND	ND	19.2	337
04/19/19 02:00 PM	6254	272	1.61	ND	0.00044	ND	ND	ND	ND	ND	17.5	331
04/19/19 02:30 PM	6037	273	1.60	ND	0.00190	ND	ND	ND	ND	ND	17.7	342
04/19/19 03:00 PM	6188	273	1.60	ND	ND	ND	ND	ND	ND	ND	17.7	331
04/19/19 03:30 PM	6022	273	1.60	ND	ND	ND	ND	ND	ND	ND	17.8	336
04/19/19 04:00 PM	6011	275	1.61	ND	0.00034	ND	ND	ND	0.00169	ND	17.4	330
04/19/19 04:30 PM	5993	275	1.62	ND	ND	ND	0.00258	ND	0.00133	ND	15.8	337
04/19/19 05:00 PM	5733	274	1.60	ND	ND	ND	ND	ND	ND	ND	17.4	332
04/19/19 05:30 PM	5789	269	1.59	ND	ND	ND	ND	ND	ND	ND	16.2	327
04/19/19 06:00 PM	5796	271	1.60	ND	ND	ND	ND	ND	ND	ND	15.4	335
04/19/19 06:30 PM	5981	272	1.61	ND	0.00055	ND	ND	ND	ND	ND	13.1	327
04/19/19 07:00 PM	6521	272	1.61	ND	ND	ND	0.00194	ND	0.00136	ND	10.0	332
04/19/19 07:30 PM	6606	270	1.61	ND	ND	ND	ND	ND	0.00169	ND	8.3	342
04/19/19 08:00 PM	6684	267	1.61	ND	0.00038	ND	ND	ND	ND	ND	7.7	347
04/19/19 08:30 PM	6803	264	1.74	ND	ND	ND	ND	ND	0.00134	ND	5.0	238
04/19/19 09:00 PM	6897	263	2.13	ND	ND	ND	ND	ND	ND	ND	4.3	26
04/19/19 09:30 PM	7236	265	1.90	ND	ND	ND	ND	ND	ND	ND	3.2	38
04/19/19 10:00 PM	7143	259	1.71	ND	0.00091	ND	ND	ND	0.00138	ND	3.3	46
04/19/19 10:30 PM	7070	260	1.71	ND	0.00095	ND	0.00189	ND	ND	ND	3.4	41
04/19/19 11:00 PM	7085	260	1.83	ND	0.00319	ND	ND	ND	ND	ND	3.7	40
04/19/19 11:30 PM	6836	260	1.78	ND	ND	ND	ND	ND	ND	ND	5.0	43
04/20/19 12:00 AM	6752	258	1.69	ND	0.00110	ND	ND	ND	ND	ND	4.9	48

## Daily Processed Summary (Average, Maximum)

Average	7727	279	1.75	BDL	0.00034	BDL	0.00047	BDL	0.00058	BDL	9.9	332
Maximum Value	10199	302	2.13	BDL	0.00319	BDL	0.00680	BDL	0.00581	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/20/19 12:30 AM	6612	258	1.67	ND	ND	ND	ND	ND	ND	ND	5.4	46
04/20/19 01:00 AM	6753	257	1.68	ND	ND	ND	0.00314	ND	ND	ND	5.5	53
04/20/19 01:30 AM	6780	257	1.67	ND	0.00050	ND	ND	ND	ND	ND	5.1	56
04/20/19 02:00 AM	6656	256	1.66	ND	0.00044	ND	ND	ND	ND	ND	5.7	64
04/20/19 02:30 AM	6624	255	1.67	ND	ND	ND	0.00241	ND	ND	ND	7.2	70
04/20/19 03:00 AM	6268	253	1.72	ND	ND	ND	ND	ND	ND	ND	5.7	97
04/20/19 03:30 AM	6300	253	1.63	ND	0.00049	ND	ND	ND	0.00162	ND	2.5	151
04/20/19 04:00 AM	6255	252	1.60	ND	0.00044	ND	0.00198	ND	ND	ND	1.7	266
04/20/19 04:30 AM	6220	253	1.80	ND	0.00142	ND	ND	ND	ND	ND	1.5	315
04/20/19 05:00 AM	6184	251	1.76	ND	ND	ND	ND	ND	ND	ND	1.5	242
04/20/19 05:30 AM	6319	252	1.73	ND	0.00065	ND	ND	ND	ND	ND	1.4	141
04/20/19 06:00 AM	6416	255	1.75	ND	ND	ND	ND	ND	ND	ND	1.5	30
04/20/19 06:30 AM	6515	254	1.89	ND	0.00054	ND	ND	ND	ND	ND	1.8	42
04/20/19 07:00 AM	6707	256	1.86	ND	ND	ND	ND	ND	ND	ND	1.5	21
04/20/19 07:30 AM	6628	257	1.90	ND	0.00051	ND	ND	ND	ND	ND	1.4	108
04/20/19 08:00 AM	6692	258	1.93	ND	ND	ND	ND	ND	ND	ND	1.2	144
04/20/19 08:30 AM	7963	264	2.02	ND	0.00096	ND	ND	ND	ND	ND	1.4	97
04/20/19 09:00 AM	8706	264	1.84	ND	ND	ND	ND	ND	ND	ND	2.6	87
04/20/19 09:30 AM	7688	267	1.81	ND	0.00041	ND	ND	ND	ND	ND	4.4	124
04/20/19 10:00 AM	7267	268	1.64	ND	0.00038	ND	ND	ND	ND	ND	5.5	133
04/20/19 10:30 AM	7380	269	1.64	ND	0.00046	ND	ND	ND	ND	ND	6.1	197
04/20/19 11:00 AM	6461	270	1.62	ND	ND	ND	ND	ND	ND	ND	6.0	208
04/20/19 11:30 AM	6541	270	1.61	ND	ND	ND	ND	ND	ND	ND	5.8	197
04/20/19 12:00 PM	6940	270	1.61	ND	ND	ND	ND	ND	ND	ND	5.6	211
04/20/19 12:30 PM	6504	272	1.60	ND	ND	ND	ND	ND	ND	ND	5.2	206
04/20/19 01:00 PM	8130	272	1.61	ND	ND	ND	ND	ND	ND	ND	6.1	174
04/20/19 01:30 PM	8467	272	1.60	ND	ND	ND	ND	ND	ND	ND	6.4	169
04/20/19 02:00 PM	8981	274	1.60	ND	ND	ND	ND	ND	0.00450	ND	7.1	180
04/20/19 02:30 PM	9632	274	1.60	ND	0.00045	ND	ND	0.00367	0.00141	ND	7.9	160
04/20/19 03:00 PM	9907	273	1.59	ND	ND	ND	ND	ND	ND	ND	8.7	150
04/20/19 03:30 PM	9869	272	1.59	ND	ND	ND	ND	ND	ND	ND	8.9	131
04/20/19 04:00 PM	9878	274	1.60	ND	ND	ND	ND	ND	ND	ND	8.9	149
04/20/19 04:30 PM	9916	275	1.61	ND	0.00039	ND	ND	ND	ND	ND	9.8	149
04/20/19 05:00 PM	9907	272	1.60	ND	ND	ND	ND	ND	ND	ND	11.6	150
04/20/19 05:30 PM	9989	273	1.64	ND	ND	ND	ND	ND	ND	ND	12.6	154
04/20/19 06:00 PM	10505	270	1.60	ND	0.00039	ND	ND	ND	ND	ND	14.0	154
04/20/19 06:30 PM	10782	272	1.61	ND	ND	ND	ND	ND	ND	ND	12.9	161
04/20/19 07:00 PM	10682	270	1.59	ND	ND	ND	0.00206	ND	ND	ND	11.9	174
04/20/19 07:30 PM	10869	268	1.60	ND	ND	ND	ND	ND	ND	ND	12.4	177
04/20/19 08:00 PM	11130	263	1.59	ND	0.00053	ND	ND	ND	ND	ND	11.0	179
04/20/19 08:30 PM	11433	261	1.59	ND	ND	ND	ND	ND	ND	ND	11.6	179
04/20/19 09:00 PM	11747	259	1.57	ND	ND	ND	ND	ND	ND	ND	12.2	178
04/20/19 09:30 PM	11879	257	1.55	ND	ND	ND	ND	ND	ND	ND	12.2	179
04/20/19 10:00 PM	12110	258	1.55	ND	ND	ND	ND	ND	ND	ND	11.3	173
04/20/19 10:30 PM	12320	257	1.55	ND	ND	ND	ND	ND	ND	ND	11.0	181
04/20/19 11:00 PM	12407	256	1.54	ND	ND	ND	ND	ND	ND	ND	11.0	178
04/20/19 11:30 PM	12610	257	1.54	ND	ND	ND	ND	ND	ND	ND	12.0	179
04/21/19 12:00 AM	12831	256	1.55	ND	ND	ND	ND	ND	ND	ND	11.9	179

Daily Processed Summary (Average, Maximum)

Average	8653	263	1.66	BDL	0.00019	BDL	0.00020	0.00008	0.00016	BDL	5.5	161
Maximum Value	12831	275	2.02	BDL	0.00142	BDL	0.00314	0.00367	0.00450	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/21/19 12:30 AM	12901	255	1.54	ND	ND	ND	ND	ND	ND	ND	11.6	179
04/21/19 01:00 AM	12917	255	1.54	ND	0.00044	ND	ND	ND	ND	ND	9.5	182
04/21/19 01:30 AM	12946	254	1.53	ND	ND	ND	ND	ND	ND	ND	9.8	181
04/21/19 02:00 AM	12996	253	1.54	ND	ND	ND	ND	ND	ND	ND	8.8	182
04/21/19 02:30 AM	13032	254	1.54	ND	0.00121	ND	ND	ND	ND	ND	10.2	181
04/21/19 03:00 AM	13155	254	1.54	ND	ND	ND	ND	ND	ND	ND	9.5	182
04/21/19 03:30 AM	13263	254	1.54	ND	0.00101	ND	0.00216	ND	0.00167	ND	10.6	179
04/21/19 04:00 AM	13549	256	1.56	ND	0.00321	ND	ND	ND	ND	ND	12.3	170
04/21/19 04:30 AM	13767	259	1.57	ND	0.00065	ND	ND	ND	ND	ND	9.3	159
04/21/19 05:00 AM	13826	258	1.56	ND	ND	ND	ND	ND	ND	ND	9.7	156
04/21/19 05:30 AM	13871	257	1.55	ND	0.00107	ND	ND	ND	ND	ND	10.0	155
04/21/19 06:00 AM	13842	255	1.54	ND	0.00051	ND	0.00216	0.00533	ND	ND	13.2	150
04/21/19 06:30 AM	13835	255	1.54	ND	ND	ND	ND	ND	ND	ND	14.0	148
04/21/19 07:00 AM	13842	254	1.53	ND	ND	ND	ND	ND	ND	ND	12.5	143
04/21/19 07:30 AM	14009	255	1.54	ND	ND	ND	0.00252	ND	ND	ND	12.2	147
04/21/19 08:00 AM	14181	257	1.55	ND	ND	ND	ND	ND	ND	ND	13.9	145
04/21/19 08:30 AM	14282	259	1.56	ND	ND	ND	ND	ND	ND	ND	15.8	145
04/21/19 09:00 AM	14235	261	1.56	ND	0.00123	ND	0.00236	ND	ND	ND	16.7	150
04/21/19 09:30 AM	14191	263	1.57	ND	ND	ND	ND	ND	0.00190	ND	17.4	150
04/21/19 10:00 AM	14140	265	1.57	ND	0.00048	ND	ND	ND	ND	ND	17.2	150
04/21/19 10:30 AM	14066	266	1.56	ND	ND	ND	ND	ND	ND	ND	17.6	148
04/21/19 11:00 AM	14137	269	1.58	ND	ND	ND	ND	ND	ND	ND	17.3	154
04/21/19 11:30 AM	13913	268	1.57	ND	ND	ND	ND	ND	ND	ND	19.8	153
04/21/19 12:00 PM	13809	267	1.57	ND	ND	ND	ND	ND	ND	ND	19.8	155
04/21/19 12:30 PM	13925	267	1.57	ND	0.00035	ND	ND	ND	ND	ND	19.6	154
04/21/19 01:00 PM	13902	267	1.57	ND	ND	ND	ND	ND	0.00152	ND	19.4	154
04/21/19 01:30 PM	14104	268	1.57	ND	ND	ND	ND	ND	ND	ND	19.1	152
04/21/19 02:00 PM	14361	268	1.57	ND	ND	ND	ND	ND	ND	ND	19.6	151
04/21/19 02:30 PM	14381	268	1.57	ND	0.00058	ND	ND	ND	0.00314	ND	19.3	153
04/21/19 03:00 PM	14500	269	1.57	ND	ND	ND	0.00271	ND	0.00403	ND	19.7	152
04/21/19 03:30 PM	13653	273	1.61	ND	ND	ND	ND	ND	0.00205	ND	20.0	147
04/21/19 04:00 PM	14391	268	1.57	ND	ND	ND	ND	ND	ND	ND	20.2	154
04/21/19 04:30 PM	14470	268	1.56	ND	ND	ND	ND	ND	0.00186	ND	18.1	151
04/21/19 05:00 PM	14450	266	1.56	ND	ND	ND	ND	ND	ND	ND	18.6	148
04/21/19 05:30 PM	14500	264	1.56	ND	0.00047	ND	ND	ND	ND	ND	17.6	150
04/21/19 06:00 PM	14629	265	1.56	ND	ND	ND	ND	ND	ND	ND	16.5	143
04/21/19 06:30 PM	14567	264	1.55	ND	ND	ND	ND	ND	ND	ND	17.1	140
04/21/19 07:00 PM	14596	261	1.55	ND	ND	ND	ND	ND	0.00178	ND	15.7	139
04/21/19 07:30 PM	14734	260	1.55	ND	0.00057	ND	ND	ND	0.00265	ND	14.0	139
04/21/19 08:00 PM	14740	257	1.55	ND	0.00070	ND	ND	ND	ND	ND	12.0	135
04/21/19 08:30 PM	14784	255	1.54	ND	ND	ND	ND	ND	ND	ND	10.4	129
04/21/19 09:00 PM	14891	253	1.53	ND	ND	ND	0.00226	ND	ND	ND	9.8	132
04/21/19 09:30 PM	14989	251	1.53	ND	0.00065	ND	ND	ND	ND	ND	10.7	132
04/21/19 10:00 PM	15065	250	1.53	ND	ND	ND	ND	ND	ND	ND	10.2	129
04/21/19 10:30 PM	15105	250	1.53	ND	ND	ND	ND	ND	ND	ND	10.1	130
04/21/19 11:00 PM	15053	249	1.52	ND	ND	ND	ND	ND	ND	ND	9.8	130
04/21/19 11:30 PM	15086	249	1.52	ND	ND	ND	ND	ND	ND	ND	10.4	133
04/22/19 12:00 AM	15141	249	1.52	ND	ND	ND	ND	ND	ND	ND	11.6	141

Daily Processed Summary (Average, Maximum)

Average	14140	260	1.55	BDL	0.00027	BDL	0.00030	0.00011	0.00043	BDL	14.0	151
Maximum Value	15141	273	1.61	BDL	0.00321	BDL	0.00271	0.00533	0.00403	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/22/19 12:30 AM	15263	249	1.52	ND	ND	ND	ND	ND	ND	ND	11.8	146
04/22/19 01:00 AM	15295	250	1.52	ND	ND	ND	ND	ND	ND	ND	12.9	146
04/22/19 01:30 AM	15317	249	1.52	ND	ND	ND	ND	ND	ND	ND	15.7	146
04/22/19 02:00 AM	15363	250	1.53	ND	ND	ND	0.00215	ND	ND	ND	16.5	147
04/22/19 02:30 AM	15346	250	1.52	ND	ND	ND	ND	ND	ND	ND	16.5	147
04/22/19 03:00 AM	15371	250	1.52	ND	ND	ND	ND	ND	ND	ND	13.6	143
04/22/19 03:30 AM	15370	250	1.52	ND	0.00054	ND	ND	ND	ND	ND	13.6	147
04/22/19 04:00 AM	15344	251	1.53	ND	ND	ND	ND	ND	ND	ND	15.0	147
04/22/19 04:30 AM	15215	251	1.53	ND	ND	ND	ND	ND	ND	ND	16.0	147
04/22/19 05:00 AM	15217	252	1.53	ND	ND	ND	ND	ND	ND	ND	15.2	147
04/22/19 05:30 AM	15096	251	1.53	ND	ND	ND	ND	ND	ND	ND	14.2	149
04/22/19 06:00 AM	15082	251	1.52	ND	ND	ND	ND	ND	ND	ND	13.7	146
04/22/19 06:30 AM	15048	249	1.51	ND	0.00053	ND	ND	ND	ND	ND	13.1	142
04/22/19 07:00 AM	15014	248	1.51	ND	0.00075	ND	ND	ND	0.00211	ND	9.6	139
04/22/19 07:30 AM	15100	248	1.52	ND	ND	ND	ND	ND	ND	ND	11.0	140
04/22/19 08:00 AM	15161	251	1.53	ND	ND	ND	ND	ND	ND	ND	10.2	135
04/22/19 08:30 AM	15126	252	1.53	ND	ND	ND	ND	ND	ND	ND	11.6	138
04/22/19 09:00 AM	14984	255	1.53	ND	ND	ND	ND	ND	ND	ND	12.3	145
04/22/19 09:30 AM	14687	258	1.54	ND	ND	ND	ND	ND	ND	ND	14.3	141
04/22/19 10:00 AM	14586	259	1.54	ND	ND	ND	ND	ND	ND	ND	15.2	148
04/22/19 10:30 AM	14503	258	1.55	ND	0.00059	ND	ND	ND	ND	ND	13.8	148
04/22/19 11:00 AM	14561	260	1.55	ND	0.00074	ND	ND	ND	ND	ND	14.4	147
04/22/19 11:30 AM	14712	261	1.55	ND	ND	ND	0.00202	ND	ND	ND	14.8	139
04/22/19 12:00 PM	14350	261	1.55	ND	ND	ND	ND	ND	ND	ND	17.5	139
04/22/19 12:30 PM	14452	260	1.54	ND	ND	ND	ND	ND	ND	ND	15.5	138
04/22/19 01:00 PM	14680	260	1.55	ND	0.00050	ND	ND	ND	ND	ND	16.2	138
04/22/19 01:30 PM	14340	261	1.55	ND	0.00088	ND	ND	ND	ND	ND	17.8	139
04/22/19 02:00 PM	14369	261	1.54	ND	0.00124	ND	ND	ND	ND	ND	16.9	141
04/22/19 02:30 PM	14503	260	1.54	ND	0.00279	ND	ND	ND	ND	ND	16.3	141
04/22/19 03:00 PM	14686	258	1.54	ND	0.00115	ND	ND	ND	ND	ND	14.6	136
04/22/19 03:30 PM	15058	258	1.54	ND	ND	ND	ND	ND	ND	ND	13.9	122
04/22/19 04:00 PM	15004	257	1.54	ND	0.00056	ND	ND	ND	ND	ND	13.8	126
04/22/19 04:30 PM	15062	256	1.54	ND	0.00063	ND	0.00220	ND	ND	ND	12.6	127
04/22/19 05:00 PM	15050	257	1.54	ND	ND	ND	ND	ND	ND	ND	12.4	132
04/22/19 05:30 PM	14929	256	1.54	ND	ND	ND	ND	ND	ND	ND	11.7	130
04/22/19 06:00 PM	14995	255	1.54	ND	ND	ND	ND	ND	0.00161	ND	11.7	124
04/22/19 06:30 PM	15059	253	1.55	ND	ND	ND	ND	ND	ND	ND	11.2	118
04/22/19 07:00 PM	14992	251	1.53	ND	ND	ND	ND	ND	ND	ND	10.2	121
04/22/19 07:30 PM	15027	248	1.53	ND	0.00048	ND	ND	ND	ND	ND	12.1	117
04/22/19 08:00 PM	15229	247	1.53	ND	ND	ND	ND	ND	ND	ND	10.5	113
04/22/19 08:30 PM	15243	245	1.52	ND	0.00065	ND	ND	ND	ND	ND	10.0	110
04/22/19 09:00 PM	15324	244	1.51	ND	ND	ND	ND	ND	ND	ND	9.8	110
04/22/19 09:30 PM	15370	244	1.51	ND	ND	ND	ND	ND	ND	ND	9.8	109
04/22/19 10:00 PM	15342	243	1.50	ND	0.00080	ND	ND	ND	ND	ND	10.5	114
04/22/19 10:30 PM	15376	243	1.51	ND	ND	ND	ND	ND	ND	ND	10.2	122
04/22/19 11:00 PM	15544	242	1.51	ND	ND	ND	ND	ND	ND	ND	11.1	122
04/22/19 11:30 PM	15637	242	1.51	ND	ND	ND	ND	ND	ND	ND	10.8	119
04/23/19 12:00 AM	15744	242	1.51	ND	ND	ND	ND	ND	ND	ND	10.1	124
Daily Processed Summary (Average, Maximum)												
Average	15044	252	1.53	BDL	0.00027	BDL	0.00013	BDL	0.00008	BDL	12.9	136
Maximum Value	15744	261	1.55	BDL	0.00279	BDL	0.00220	BDL	0.00211	BDL		

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Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/23/19 12:30 AM	15803	242	1.49	ND	0.00202	ND	ND	ND	ND	ND	10.1	129
04/23/19 01:00 AM	15811	243	1.50	ND	ND	ND	ND	ND	0.00241	ND	10.1	126
04/23/19 01:30 AM	15806	243	1.50	ND	ND	ND	ND	ND	ND	ND	10.7	129
04/23/19 02:00 AM	15818	242	1.49	ND	ND	ND	ND	ND	ND	ND	12.2	132
04/23/19 02:30 AM	15880	242	1.49	ND	ND	ND	ND	ND	ND	ND	11.6	135
04/23/19 03:00 AM	15927	242	1.50	ND	ND	ND	ND	ND	ND	ND	10.8	131
04/23/19 03:30 AM	15990	241	1.49	ND	0.00133	ND	ND	ND	ND	ND	10.8	130
04/23/19 04:00 AM	16018	240	1.49	ND	0.00133	ND	ND	ND	ND	ND	12.2	129
04/23/19 04:30 AM	16131	239	1.48	ND	ND	ND	ND	ND	ND	ND	11.0	137
04/23/19 05:00 AM	16207	239	1.48	ND	ND	ND	ND	ND	ND	ND	11.3	135
04/23/19 05:30 AM	16230	239	1.48	ND	ND	ND	ND	ND	ND	ND	10.5	128
04/23/19 06:00 AM	16211	238	1.48	ND	ND	ND	ND	ND	ND	ND	10.4	129
04/23/19 06:30 AM	16269	237	1.48	ND	ND	ND	ND	ND	0.00525	ND	10.1	131
04/23/19 07:00 AM	16263	237	1.48	ND	ND	ND	ND	ND	ND	ND	10.3	130
04/23/19 07:30 AM	16212	237	1.48	ND	ND	ND	ND	ND	ND	ND	10.1	125
04/23/19 08:00 AM	15966	228	1.49	ND	ND	ND	ND	ND	ND	ND	12.8	127
04/23/19 08:30 AM	16206	235	1.47	ND	ND	ND	ND	ND	0.00227	ND	10.9	134
04/23/19 09:00 AM	15626	220	1.41	ND	ND	ND	ND	ND	ND	ND	10.8	129
04/23/19 09:30 AM	15261	203	1.38	ND	ND	ND	ND	ND	ND	ND	11.2	135
04/23/19 10:00 AM	15797	224	1.45	ND	ND	ND	ND	ND	ND	ND	11.6	129
04/23/19 10:30 AM	15823	230	1.45	ND	ND	ND	ND	ND	ND	ND	12.8	123
04/23/19 11:00 AM	15931	238	1.47	ND	ND	ND	ND	ND	ND	ND	14.3	132
04/23/19 11:30 AM	15990	243	1.49	ND	ND	ND	ND	ND	ND	ND	12.4	136
04/23/19 12:00 PM	15973	247	1.50	ND	0.00050	ND	ND	ND	ND	ND	11.4	133
04/23/19 12:30 PM	16005	250	1.51	ND	0.00082	ND	ND	ND	ND	ND	15.2	144
04/23/19 01:00 PM	15010	260	1.56	ND	ND	ND	ND	ND	ND	ND	16.8	140
04/23/19 01:30 PM	15862	252	1.51	ND	0.00066	ND	ND	ND	ND	ND	14.9	139
04/23/19 02:00 PM	15751	251	1.52	ND	ND	ND	ND	ND	ND	ND	19.0	143
04/23/19 02:30 PM	15670	248	1.52	ND	ND	ND	ND	ND	ND	ND	18.7	146
04/23/19 03:00 PM	15798	250	1.52	ND	ND	ND	ND	ND	ND	ND	18.0	153
04/23/19 03:30 PM	15946	252	1.52	ND	ND	ND	ND	ND	ND	ND	14.1	143
04/23/19 04:00 PM	15779	252	1.52	ND	ND	ND	ND	ND	ND	ND	14.2	147
04/23/19 04:30 PM	15725	249	1.52	ND	ND	ND	ND	ND	ND	ND	14.2	146
04/23/19 05:00 PM	15693	248	1.51	ND	0.00063	ND	ND	ND	ND	ND	13.5	144
04/23/19 05:30 PM	15589	245	1.50	ND	ND	ND	ND	ND	ND	ND	13.1	141
04/23/19 06:00 PM	15672	247	1.50	ND	0.00067	ND	ND	ND	ND	ND	11.2	136
04/23/19 06:30 PM	15601	245	1.50	ND	0.00058	ND	ND	ND	ND	ND	10.1	132
04/23/19 07:00 PM	15563	243	1.50	ND	0.00072	ND	ND	ND	ND	ND	9.9	126
04/23/19 07:30 PM	15576	241	1.50	ND	0.00202	ND	ND	ND	ND	ND	9.3	126
04/23/19 08:00 PM	14682	248	1.55	ND	ND	ND	ND	ND	ND	ND	10.7	129
04/23/19 08:30 PM	15516	236	1.48	ND	ND	ND	ND	ND	ND	ND	13.2	135
04/23/19 09:00 PM	15500	234	1.47	ND	ND	ND	ND	ND	ND	ND	13.9	137
04/23/19 09:30 PM	15440	234	1.48	ND	0.00163	ND	ND	ND	ND	ND	12.2	136
04/23/19 10:00 PM	15301	233	1.47	ND	ND	ND	ND	ND	ND	ND	12.1	139
04/23/19 10:30 PM	15375	233	1.47	ND	ND	ND	ND	ND	ND	ND	12.0	138
04/23/19 11:00 PM	15233	233	1.46	ND	ND	ND	ND	ND	ND	ND	11.8	139
04/23/19 11:30 PM	15217	233	1.46	ND	ND	ND	ND	ND	ND	ND	13.0	138
04/24/19 12:00 AM	15277	234	1.46	ND	0.00081	ND	ND	ND	ND	ND	10.7	134

Daily Processed Summary (Average, Maximum)

Average	15749	240	1.49	BDL	0.00026	BDL	BDL	BDL	BDL	0.00021	BDL	12.3	136
Maximum Value	16269	260	1.56	BDL	0.00202	BDL	BDL	BDL	0.00525	BDL			

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ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/24/19 12:30 AM	15359	233	1.46	ND	ND	ND	ND	ND	ND	ND	11.9	138
04/24/19 01:00 AM	15456	232	1.46	ND	ND	ND	ND	ND	ND	ND	13.1	139
04/24/19 01:30 AM	15597	232	1.45	ND	0.00086	ND	0.00315	ND	ND	ND	13.5	140
04/24/19 02:00 AM	15677	231	1.45	ND	0.00086	ND	ND	ND	0.00205	ND	11.3	137
04/24/19 02:30 AM	15798	232	1.46	ND	ND	ND	ND	ND	ND	ND	10.9	129
04/24/19 03:00 AM	15868	231	1.45	ND	ND	ND	ND	ND	ND	ND	9.5	116
04/24/19 03:30 AM	15939	231	1.46	ND	ND	ND	ND	ND	ND	ND	8.3	116
04/24/19 04:00 AM	16085	232	1.47	ND	ND	ND	ND	ND	ND	ND	6.1	114
04/24/19 04:30 AM	16142	230	1.48	ND	ND	ND	ND	ND	ND	ND	7.8	104
04/24/19 05:00 AM	16204	230	1.46	ND	ND	ND	ND	ND	ND	ND	7.0	114
04/24/19 05:30 AM	16216	229	1.47	ND	ND	ND	ND	ND	ND	ND	8.4	108
04/24/19 06:00 AM	16197	227	1.46	ND	0.00107	ND	ND	ND	ND	ND	8.9	113
04/24/19 06:30 AM	15948	216	1.42	ND	ND	ND	ND	ND	ND	ND	6.9	125
04/24/19 07:00 AM	16239	223	1.45	ND	0.00091	ND	ND	ND	ND	ND	9.3	107
04/24/19 07:30 AM	16316	225	1.45	ND	0.00081	ND	0.00303	ND	ND	ND	8.2	108
04/24/19 08:00 AM	16439	227	1.45	ND	ND	ND	ND	ND	ND	ND	9.3	104
04/24/19 08:30 AM	15821	209	1.41	ND	ND	ND	ND	ND	ND	ND	9.2	102
04/24/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.7	103
04/24/19 09:30 AM	13578	154	1.17	ND	ND	ND	ND	ND	ND	ND	9.5	107
04/24/19 10:00 AM	15799	203	1.38	ND	ND	ND	ND	ND	ND	ND	12.6	124
04/24/19 10:30 AM	17094	239	1.48	ND	ND	ND	ND	ND	ND	ND	15.2	133
04/24/19 11:00 AM	17183	243	1.49	ND	ND	ND	ND	ND	ND	ND	16.5	138
04/24/19 11:30 AM	17090	244	1.49	ND	0.00067	ND	ND	ND	ND	ND	17.6	141
04/24/19 12:00 PM	17196	245	1.50	ND	0.00062	ND	ND	ND	ND	ND	18.1	145
04/24/19 12:30 PM	17144	245	1.50	ND	0.00070	ND	ND	ND	ND	ND	18.9	147
04/24/19 01:00 PM	17257	246	1.51	ND	ND	ND	ND	ND	0.00221	ND	21.5	151
04/24/19 01:30 PM	17397	247	1.51	ND	ND	ND	ND	ND	ND	ND	19.0	144
04/24/19 02:00 PM	17222	247	1.50	ND	ND	ND	ND	ND	ND	ND	19.9	141
04/24/19 02:30 PM	17286	247	1.50	ND	ND	ND	ND	ND	ND	ND	17.8	147
04/24/19 03:00 PM	17156	246	1.50	ND	0.00133	ND	ND	ND	0.00177	ND	17.2	147
04/24/19 03:30 PM	17457	247	1.51	ND	ND	ND	ND	ND	ND	ND	15.9	151
04/24/19 04:00 PM	17667	247	1.52	ND	ND	ND	ND	ND	ND	ND	16.3	147
04/24/19 04:30 PM	17621	246	1.51	ND	ND	ND	ND	ND	ND	ND	17.1	147
04/24/19 05:00 PM	17765	246	1.52	ND	ND	ND	ND	ND	0.00201	ND	15.6	151
04/24/19 05:30 PM	17683	245	1.51	ND	0.00174	ND	ND	ND	ND	ND	14.8	159
04/24/19 06:00 PM	17557	244	1.51	ND	0.00102	ND	ND	ND	ND	ND	12.6	161
04/24/19 06:30 PM	17460	237	1.49	ND	ND	ND	ND	ND	ND	ND	12.6	144
04/24/19 07:00 PM	17323	233	1.47	ND	ND	ND	ND	ND	ND	ND	12.1	131
04/24/19 07:30 PM	16981	230	1.48	ND	ND	ND	ND	ND	ND	ND	11.9	133
04/24/19 08:00 PM	17118	230	1.52	ND	0.00092	ND	ND	ND	ND	ND	8.1	144
04/24/19 08:30 PM	17293	228	1.50	ND	ND	ND	ND	ND	ND	ND	8.5	160
04/24/19 09:00 PM	16900	210	1.42	ND	ND	ND	ND	ND	ND	ND	8.4	171
04/24/19 09:30 PM	15654	172	1.29	ND	ND	ND	ND	ND	ND	ND	8.0	198
04/24/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	305
04/24/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	349
04/24/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	179
04/24/19 11:30 PM	13013	211	1.48	ND	ND	ND	ND	ND	ND	ND	4.2	36
04/25/19 12:00 AM	12884	209	1.51	ND	ND	ND	ND	ND	ND	ND	4.5	129

Daily Processed Summary (Average, Maximum)

Average	16434	230	1.47	BDL	0.00024	BDL	0.00013	BDL	0.00017	BDL	10.4	137
Maximum Value	17765	247	1.52	BDL	0.00174	BDL	0.00315	BDL	0.00221	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/25/19 12:30 AM	12748	204	1.54	ND	ND	ND	ND	ND	ND	ND	2.4	160
04/25/19 01:00 AM	12634	197	1.47	ND	ND	ND	ND	ND	ND	ND	4.9	319
04/25/19 01:30 AM	12896	219	1.49	ND	ND	ND	ND	ND	ND	ND	10.4	311
04/25/19 02:00 AM	12778	212	1.45	ND	ND	ND	ND	ND	ND	ND	11.9	322
04/25/19 02:30 AM	12564	215	1.46	ND	ND	ND	ND	ND	ND	ND	10.2	339
04/25/19 03:00 AM	12434	215	1.46	ND	0.00092	ND	ND	ND	ND	ND	10.4	350
04/25/19 03:30 AM	12374	214	1.45	ND	0.00249	ND	ND	ND	ND	ND	11.6	342
04/25/19 04:00 AM	12242	216	1.46	ND	ND	ND	ND	ND	ND	ND	12.7	342
04/25/19 04:30 AM	12082	218	1.46	ND	0.00106	ND	ND	ND	ND	ND	11.1	346
04/25/19 05:00 AM	12055	220	1.45	ND	ND	ND	ND	ND	ND	ND	10.8	349
04/25/19 05:30 AM	12047	220	1.46	ND	ND	ND	ND	ND	ND	ND	9.3	348
04/25/19 06:00 AM	11925	220	1.47	ND	ND	ND	ND	ND	ND	ND	9.4	332
04/25/19 06:30 AM	11810	216	1.47	ND	ND	ND	ND	ND	ND	ND	8.1	324
04/25/19 07:00 AM	11760	225	1.51	ND	ND	ND	ND	ND	ND	ND	5.6	313
04/25/19 07:30 AM	11651	221	1.55	ND	ND	ND	ND	ND	ND	ND	7.5	320
04/25/19 08:00 AM	11797	231	1.58	ND	ND	ND	ND	ND	ND	ND	9.1	327
04/25/19 08:30 AM	11867	235	1.55	ND	ND	ND	ND	ND	ND	ND	8.4	337
04/25/19 09:00 AM	11917	238	1.56	ND	ND	ND	ND	ND	ND	ND	8.1	342
04/25/19 09:30 AM	12100	241	1.55	ND	ND	ND	ND	ND	0.00294	ND	8.5	334
04/25/19 10:00 AM	12091	244	1.55	ND	0.00100	ND	ND	ND	0.00288	ND	8.9	328
04/25/19 10:30 AM	11922	246	1.55	ND	ND	ND	ND	ND	ND	ND	10.0	322
04/25/19 11:00 AM	12064	247	1.55	ND	ND	ND	ND	ND	ND	ND	9.3	321
04/25/19 11:30 AM	11418	248	1.54	ND	ND	ND	ND	ND	ND	ND	10.6	314
04/25/19 12:00 PM	11347	249	1.53	ND	0.00088	ND	ND	ND	ND	ND	11.0	309
04/25/19 12:30 PM	10950	251	1.54	ND	0.00075	ND	ND	ND	ND	ND	11.2	311
04/25/19 01:00 PM	10877	251	1.54	ND	ND	ND	ND	ND	ND	ND	11.4	309
04/25/19 01:30 PM	10975	252	1.56	ND	ND	ND	ND	ND	ND	ND	11.7	303
04/25/19 02:00 PM	10929	254	1.57	ND	ND	ND	ND	ND	ND	ND	12.1	317
04/25/19 02:30 PM	11029	250	1.55	ND	ND	ND	ND	ND	ND	ND	11.3	320
04/25/19 03:00 PM	10437	244	1.53	ND	ND	ND	ND	ND	ND	ND	11.8	317
04/25/19 03:30 PM	10386	245	1.52	ND	ND	ND	ND	ND	ND	ND	11.1	315
04/25/19 04:00 PM	10485	247	1.52	ND	ND	ND	ND	ND	ND	ND	11.5	324
04/25/19 04:30 PM	10024	247	1.50	ND	ND	ND	ND	ND	ND	ND	10.8	333
04/25/19 05:00 PM	9885	246	1.51	ND	ND	ND	ND	ND	ND	ND	10.9	342
04/25/19 05:30 PM	9401	243	1.50	ND	ND	ND	ND	ND	ND	ND	11.9	350
04/25/19 06:00 PM	9858	257	1.54	ND	ND	ND	ND	ND	0.00206	ND	11.1	338
04/25/19 06:30 PM	9999	257	1.54	ND	0.00269	ND	ND	ND	ND	ND	11.3	339
04/25/19 07:00 PM	10577	257	1.54	ND	0.00082	ND	ND	ND	ND	ND	9.0	345
04/25/19 07:30 PM	11044	255	1.54	ND	0.00248	ND	ND	ND	ND	ND	5.5	352
04/25/19 08:00 PM	11291	252	1.57	ND	0.00071	ND	ND	ND	ND	ND	3.8	183
04/25/19 08:30 PM	11616	250	1.60	ND	0.00223	ND	ND	ND	ND	ND	2.8	12
04/25/19 09:00 PM	11333	247	1.65	ND	0.00066	ND	ND	ND	ND	ND	2.6	23
04/25/19 09:30 PM	11403	245	1.81	ND	ND	ND	ND	ND	ND	ND	2.0	62
04/25/19 10:00 PM	11598	245	1.68	ND	ND	ND	ND	ND	ND	ND	1.3	45
04/25/19 10:30 PM	11290	244	1.88	ND	ND	ND	ND	ND	ND	ND	2.0	54
04/25/19 11:00 PM	11087	244	1.85	ND	ND	ND	ND	ND	ND	ND	2.8	52
04/25/19 11:30 PM	11111	243	1.86	ND	ND	ND	ND	ND	ND	ND	2.6	46
04/25/19 12:00 AM	11231	247	2.18	ND	ND	ND	ND	ND	ND	ND	3.2	36

Daily Processed Summary (Average, Maximum)

Average	11445	237	1.57	BDL	0.00035	BDL	BDL	BDL	0.00016	BDL	7.7	331
Maximum Value	12896	257	2.18	BDL	0.00269	BDL	BDL	BDL	0.00294	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/26/19 12:30 AM	11306	247	1.68	ND	ND	ND	0.00304	ND	ND	ND	3.2	20
04/26/19 01:00 AM	11312	244	1.76	ND	ND	ND	ND	ND	ND	ND	1.4	83
04/26/19 01:30 AM	11364	241	1.70	ND	ND	ND	ND	ND	ND	ND	1.9	309
04/26/19 02:00 AM	12699	237	1.87	ND	ND	ND	ND	ND	0.00274	ND	2.7	284
04/26/19 02:30 AM	12833	237	1.91	ND	ND	ND	ND	ND	0.00208	ND	3.0	319
04/26/19 03:00 AM	12515	239	1.90	ND	ND	ND	ND	ND	ND	ND	3.1	315
04/26/19 03:30 AM	12489	238	1.78	ND	0.00172	ND	ND	ND	0.00229	ND	2.9	272
04/26/19 04:00 AM	12524	235	1.70	ND	ND	ND	ND	ND	ND	ND	3.6	255
04/26/19 04:30 AM	12731	235	1.90	ND	ND	ND	ND	ND	ND	ND	4.0	280
04/26/19 05:00 AM	12567	235	1.89	ND	ND	ND	ND	ND	ND	ND	3.2	290
04/26/19 05:30 AM	12057	235	1.85	ND	ND	ND	ND	ND	ND	ND	3.2	302
04/26/19 06:00 AM	12055	232	1.79	ND	ND	ND	ND	ND	ND	ND	3.5	325
04/26/19 06:30 AM	12101	229	1.82	ND	ND	ND	ND	ND	ND	ND	2.8	322
04/26/19 07:00 AM	11980	228	1.81	ND	ND	ND	0.00297	ND	ND	ND	3.1	333
04/26/19 07:30 AM	11752	239	1.87	ND	ND	ND	ND	ND	ND	ND	4.2	298
04/26/19 08:00 AM	12347	246	1.81	ND	ND	ND	ND	ND	ND	ND	4.4	350
04/26/19 08:30 AM	13086	250	1.75	ND	0.00075	ND	ND	ND	ND	ND	6.8	350
04/26/19 09:00 AM	12905	251	1.72	ND	ND	ND	ND	ND	ND	ND	8.4	355
04/26/19 09:30 AM	12476	250	1.69	ND	ND	ND	ND	ND	ND	ND	8.9	11
04/26/19 10:00 AM	11902	252	1.65	ND	ND	ND	ND	ND	ND	ND	10.5	14
04/26/19 10:30 AM	11699	254	1.65	ND	ND	ND	ND	ND	ND	ND	9.5	14
04/26/19 11:00 AM	11354	255	1.63	ND	ND	ND	ND	ND	ND	ND	8.3	8
04/26/19 11:30 AM	11675	256	1.64	ND	ND	ND	ND	ND	ND	ND	7.4	345
04/26/19 12:00 PM	12025	257	1.65	ND	ND	ND	ND	ND	ND	ND	7.4	324
04/26/19 12:30 PM	12244	256	1.64	ND	0.00333	ND	ND	ND	ND	ND	7.7	323
04/26/19 01:00 PM	12260	257	1.64	ND	0.00468	ND	ND	ND	ND	ND	7.8	318
04/26/19 01:30 PM	11946	258	1.63	ND	0.00094	ND	ND	ND	ND	ND	7.3	218
04/26/19 02:00 PM	11316	259	1.63	ND	ND	ND	ND	ND	ND	ND	6.3	231
04/26/19 02:30 PM	11933	258	1.63	ND	0.00088	ND	0.00212	ND	ND	ND	6.2	96
04/26/19 03:00 PM	12077	259	1.63	ND	0.00056	ND	ND	ND	ND	ND	5.8	242
04/26/19 03:30 PM	12255	258	1.61	ND	0.00077	ND	0.00255	ND	ND	ND	10.2	141
04/26/19 04:00 PM	11939	259	1.60	ND	ND	ND	ND	ND	0.00178	ND	10.8	159
04/26/19 04:30 PM	11601	259	1.60	ND	ND	ND	ND	ND	ND	ND	11.4	162
04/26/19 05:00 PM	10731	256	1.60	ND	ND	ND	ND	ND	ND	ND	13.2	165
04/26/19 05:30 PM	10729	253	1.57	ND	ND	ND	ND	ND	ND	ND	13.0	166
04/26/19 06:00 PM	10894	252	1.56	ND	ND	ND	ND	ND	ND	ND	11.4	164
04/26/19 06:30 PM	10935	251	1.56	ND	ND	ND	ND	ND	ND	ND	12.1	167
04/26/19 07:00 PM	11185	248	1.54	ND	ND	ND	ND	ND	0.00298	ND	10.9	180
04/26/19 07:30 PM	11041	246	1.55	ND	0.00081	ND	ND	ND	0.00454	ND	9.3	184
04/26/19 08:00 PM	10951	244	1.54	ND	0.00069	ND	ND	ND	ND	ND	8.7	186
04/26/19 08:30 PM	11130	242	1.55	ND	ND	ND	ND	ND	ND	ND	8.0	187
04/26/19 09:00 PM	11467	241	1.54	ND	ND	ND	ND	ND	ND	ND	7.8	185
04/26/19 09:30 PM	11758	240	1.55	ND	ND	ND	ND	ND	ND	ND	7.5	188
04/26/19 10:00 PM	12192	238	1.55	ND	ND	ND	ND	ND	ND	ND	7.0	189
04/26/19 10:30 PM	12390	236	1.55	ND	ND	ND	ND	ND	ND	ND	7.1	189
04/26/19 11:00 PM	12446	235	1.55	ND	ND	ND	ND	ND	ND	ND	7.8	191
04/26/19 11:30 PM	12661	234	1.53	ND	ND	ND	ND	ND	ND	ND	7.9	188
04/27/19 12:00 AM	12784	232	1.55	ND	ND	ND	ND	ND	ND	ND	7.8	187

## Daily Processed Summary (Average, Maximum)

Average	11930	246	1.67	BDL	0.00032	BDL	0.00022	BDL	0.00034	BDL	1.8	203
Maximum Value	13086	259	1.91	BDL	0.00468	BDL	0.00304	BDL	0.00454	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/27/19 12:30 AM	12743	232	1.54	ND	ND	ND	ND	ND	ND	ND	7.7	190
04/27/19 01:00 AM	12717	231	1.52	ND	ND	ND	ND	ND	ND	ND	7.1	187
04/27/19 01:30 AM	12911	231	1.52	ND	ND	ND	ND	ND	ND	ND	6.7	185
04/27/19 02:00 AM	12996	230	1.52	ND	ND	ND	ND	ND	ND	ND	7.8	188
04/27/19 02:30 AM	13113	230	1.52	ND	ND	ND	ND	ND	ND	ND	7.5	186
04/27/19 03:00 AM	13180	229	1.51	ND	ND	ND	ND	ND	ND	ND	6.8	186
04/27/19 03:30 AM	13213	228	1.52	ND	ND	ND	ND	ND	ND	ND	5.3	190
04/27/19 04:00 AM	13142	227	1.57	ND	ND	ND	ND	ND	ND	ND	4.1	185
04/27/19 04:30 AM	13151	226	1.55	ND	0.00064	ND	ND	ND	ND	ND	4.4	178
04/27/19 05:00 AM	13186	225	1.51	ND	ND	ND	ND	ND	ND	ND	4.9	181
04/27/19 05:30 AM	13310	224	1.51	ND	ND	ND	ND	ND	ND	ND	5.9	180
04/27/19 06:00 AM	13622	224	1.50	ND	0.00077	ND	ND	ND	ND	ND	7.6	184
04/27/19 06:30 AM	13791	224	1.50	ND	0.00100	ND	ND	ND	ND	ND	7.9	182
04/27/19 07:00 AM	13832	225	1.50	ND	ND	0.00329	ND	ND	ND	ND	7.8	183
04/27/19 07:30 AM	14005	227	1.50	ND	0.00081	ND	ND	ND	ND	ND	8.0	188
04/27/19 08:00 AM	14359	232	1.51	ND	0.00084	ND	ND	ND	ND	ND	8.3	186
04/27/19 08:30 AM	14774	237	1.53	ND	ND	ND	ND	ND	ND	ND	10.1	181
04/27/19 09:00 AM	15035	239	1.53	ND	ND	ND	ND	ND	ND	ND	10.7	176
04/27/19 09:30 AM	14816	242	1.54	ND	0.00075	ND	0.00251	ND	ND	ND	13.1	176
04/27/19 10:00 AM	13971	244	1.54	ND	0.00124	ND	ND	ND	ND	ND	15.7	175
04/27/19 10:30 AM	13125	246	1.54	ND	ND	ND	ND	ND	ND	ND	16.7	174
04/27/19 11:00 AM	13193	246	1.55	ND	ND	ND	ND	ND	ND	ND	17.8	175
04/27/19 11:30 AM	13197	247	1.55	ND	ND	ND	ND	ND	ND	ND	17.2	168
04/27/19 12:00 PM	12672	248	1.55	ND	ND	ND	ND	ND	ND	ND	16.3	176
04/27/19 12:30 PM	12002	248	1.55	ND	ND	ND	ND	ND	ND	ND	15.7	175
04/27/19 01:00 PM	11724	249	1.55	ND	0.00074	ND	ND	ND	ND	ND	15.2	173
04/27/19 01:30 PM	11493	250	1.55	ND	0.00094	ND	ND	ND	ND	ND	15.0	181
04/27/19 02:00 PM	11555	251	1.56	ND	ND	ND	ND	ND	ND	ND	14.5	171
04/27/19 02:30 PM	11872	252	1.55	ND	ND	ND	ND	ND	ND	ND	13.3	166
04/27/19 03:00 PM	12329	252	1.55	ND	0.00163	ND	ND	ND	ND	ND	14.1	159
04/27/19 03:30 PM	13278	251	1.54	ND	ND	ND	ND	ND	ND	ND	14.0	165
04/27/19 04:00 PM	13407	251	1.55	ND	ND	ND	ND	ND	ND	ND	16.0	165
04/27/19 04:30 PM	13888	250	1.54	ND	ND	ND	ND	ND	ND	ND	16.0	170
04/27/19 05:00 PM	14021	248	1.54	ND	ND	ND	ND	ND	ND	ND	14.9	166
04/27/19 05:30 PM	13876	244	1.53	ND	0.00069	ND	ND	ND	ND	ND	14.9	164
04/27/19 06:00 PM	14196	245	1.54	ND	ND	ND	ND	ND	ND	ND	15.0	162
04/27/19 06:30 PM	14742	245	1.53	ND	ND	0.00272	ND	ND	ND	ND	16.2	148
04/27/19 07:00 PM	14715	242	1.53	ND	ND	ND	ND	ND	ND	ND	14.7	148
04/27/19 07:30 PM	14686	238	1.52	ND	ND	ND	ND	ND	ND	ND	15.2	147
04/27/19 08:00 PM	14638	236	1.51	ND	ND	ND	0.00291	ND	ND	ND	14.7	146
04/27/19 08:30 PM	14615	233	1.51	ND	ND	ND	ND	ND	0.00241	ND	13.5	145
04/27/19 09:00 PM	14664	232	1.50	ND	ND	ND	ND	ND	ND	ND	12.2	141
04/27/19 09:30 PM	14627	231	1.49	ND	ND	ND	ND	ND	ND	ND	14.1	145
04/27/19 10:00 PM	14548	231	1.49	ND	ND	ND	ND	ND	0.00254	ND	14.4	149
04/27/19 10:30 PM	14515	231	1.49	ND	ND	ND	ND	ND	ND	ND	14.2	154
04/27/19 11:00 PM	14672	231	1.49	ND	ND	ND	ND	ND	ND	ND	14.0	156
04/27/19 11:30 PM	13994	233	1.49	ND	0.00088	ND	ND	ND	ND	ND	13.8	172
04/28/19 12:00 AM	13892	232	1.48	ND	ND	ND	ND	ND	ND	ND	13.8	173

Daily Processed Summary (Average, Maximum)

Average	13583	238	1.53	BDL	0.00023	BDL	0.00024	BDL	0.00010	BDL	11.6	168
Maximum Value	15035	252	1.57	BDL	0.00163	BDL	0.00329	BDL	0.00254	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/28/19 12:30 AM	14037	233	1.49	ND	ND	ND	ND	ND	ND	ND	14.5	168
04/28/19 01:00 AM	13921	231	1.48	ND	ND	ND	ND	ND	ND	ND	13.5	175
04/28/19 01:30 AM	13985	233	1.49	ND	0.00078	ND	ND	ND	ND	ND	15.1	168
04/28/19 02:00 AM	13991	232	1.48	ND	0.00093	ND	ND	ND	0.00220	ND	13.4	157
04/28/19 02:30 AM	14007	232	1.48	ND	0.00315	ND	ND	ND	ND	ND	14.4	160
04/28/19 03:00 AM	13888	232	1.49	ND	0.00082	ND	ND	ND	ND	ND	14.9	169
04/28/19 03:30 AM	13939	231	1.48	ND	ND	ND	ND	ND	ND	ND	12.7	172
04/28/19 04:00 AM	13881	231	1.47	ND	ND	ND	ND	ND	0.00453	ND	11.6	171
04/28/19 04:30 AM	13877	231	1.48	ND	ND	ND	ND	ND	ND	ND	9.6	160
04/28/19 05:00 AM	13887	230	1.47	ND	0.00096	ND	ND	ND	ND	ND	9.1	164
04/28/19 05:30 AM	13689	229	1.46	ND	ND	ND	ND	ND	ND	ND	8.9	150
04/28/19 06:00 AM	13706	229	1.46	ND	ND	ND	ND	ND	ND	ND	9.8	164
04/28/19 06:30 AM	13710	229	1.46	ND	ND	ND	ND	ND	ND	ND	8.6	172
04/28/19 07:00 AM	13537	229	1.45	ND	0.00092	ND	ND	ND	ND	ND	9.0	176
04/28/19 07:30 AM	13866	232	1.48	ND	ND	ND	ND	ND	ND	ND	11.5	165
04/28/19 08:00 AM	14089	236	1.49	ND	ND	ND	ND	ND	ND	ND	13.4	165
04/28/19 08:30 AM	14428	239	1.50	ND	ND	ND	ND	ND	ND	ND	13.5	166
04/28/19 09:00 AM	14531	240	1.49	ND	ND	ND	ND	ND	ND	ND	12.8	164
04/28/19 09:30 AM	14787	242	1.50	ND	0.00055	ND	ND	ND	0.00261	ND	14.2	155
04/28/19 10:00 AM	14894	242	1.50	ND	ND	ND	ND	ND	ND	ND	13.8	163
04/28/19 10:30 AM	14890	242	1.49	ND	ND	ND	ND	ND	ND	ND	12.0	147
04/28/19 11:00 AM	15037	240	1.49	ND	ND	ND	ND	ND	ND	ND	11.4	135
04/28/19 11:30 AM	14959	241	1.50	ND	ND	ND	ND	ND	ND	ND	11.2	145
04/28/19 12:00 PM	14641	244	1.50	ND	ND	ND	ND	ND	ND	ND	11.3	144
04/28/19 12:30 PM	14680	243	1.49	ND	ND	ND	ND	ND	ND	ND	13.2	150
04/28/19 01:00 PM	14640	242	1.49	ND	0.00073	ND	ND	ND	0.00223	ND	13.8	145
04/28/19 01:30 PM	14502	242	1.49	ND	ND	ND	ND	ND	ND	ND	13.9	144
04/28/19 02:00 PM	14120	245	1.50	ND	0.00083	ND	ND	ND	ND	ND	11.3	138
04/28/19 02:30 PM	14107	246	1.50	ND	ND	ND	ND	ND	ND	ND	12.8	150
04/28/19 03:00 PM	14097	245	1.50	ND	ND	ND	ND	ND	ND	ND	13.9	141
04/28/19 03:30 PM	14353	243	1.49	ND	ND	ND	ND	ND	0.00202	ND	13.6	138
04/28/19 04:00 PM	14358	243	1.48	ND	ND	ND	ND	ND	0.00282	ND	13.8	137
04/28/19 04:30 PM	14397	242	1.49	ND	ND	ND	ND	ND	ND	ND	13.7	141
04/28/19 05:00 PM	14487	240	1.49	ND	ND	ND	ND	ND	ND	ND	15.1	141
04/28/19 05:30 PM	14391	238	1.48	ND	ND	ND	ND	ND	ND	ND	14.4	134
04/28/19 06:00 PM	14441	237	1.48	ND	ND	ND	ND	ND	0.00243	ND	14.7	137
04/28/19 06:30 PM	14431	238	1.49	ND	ND	ND	ND	ND	ND	ND	14.7	138
04/28/19 07:00 PM	14523	238	1.49	ND	ND	ND	ND	ND	ND	ND	13.4	132
04/28/19 07:30 PM	14552	237	1.48	ND	ND	ND	ND	ND	ND	ND	11.9	131
04/28/19 08:00 PM	14407	232	1.47	ND	ND	ND	ND	ND	ND	ND	11.0	133
04/28/19 08:30 PM	14402	229	1.46	ND	ND	ND	ND	ND	ND	ND	10.2	133
04/28/19 09:00 PM	14605	226	1.45	ND	0.00084	ND	ND	ND	ND	ND	9.9	130
04/28/19 09:30 PM	14650	226	1.45	ND	0.00097	ND	ND	ND	ND	ND	9.9	133
04/28/19 10:00 PM	14708	225	1.44	ND	ND	ND	ND	ND	ND	ND	10.9	134
04/28/19 10:30 PM	14770	224	1.44	ND	ND	ND	0.00321	ND	ND	ND	11.5	136
04/28/19 11:00 PM	14856	224	1.44	ND	ND	ND	ND	ND	ND	ND	13.0	138
04/28/19 11:30 PM	15000	225	1.44	ND	ND	ND	ND	ND	ND	ND	14.7	138
04/29/19 12:00 AM	15080	224	1.44	ND	ND	ND	ND	ND	ND	ND	14.4	143

Daily Processed Summary (Average, Maximum)

Average	14349	235	1.48	BDL	0.00028	BDL	0.00007	BDL	0.00039	BDL	12.1	150
Maximum Value	15080	246	1.50	BDL	0.00515	BDL	0.00321	BDL	0.00453	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/29/19 12:30 AM	15139	224	1.44	ND	ND	ND	ND	ND	ND	ND	13.2	146
04/29/19 01:00 AM	15262	223	1.44	ND	ND	ND	ND	ND	ND	ND	16.7	150
04/29/19 01:30 AM	15406	223	1.44	ND	0.00393	ND	ND	ND	ND	ND	14.1	148
04/29/19 02:00 AM	15469	223	1.44	ND	ND	ND	ND	ND	ND	ND	16.3	147
04/29/19 02:30 AM	15611	223	1.44	ND	ND	ND	ND	ND	ND	ND	13.4	151
04/29/19 03:00 AM	15502	221	1.43	ND	ND	ND	ND	ND	ND	ND	14.4	176
04/29/19 03:30 AM	15605	219	1.42	ND	ND	ND	ND	ND	ND	ND	12.3	180
04/29/19 04:00 AM	15911	221	1.44	ND	ND	ND	0.00400	ND	ND	ND	13.4	163
04/29/19 04:30 AM	15933	222	1.46	ND	ND	ND	ND	ND	ND	ND	11.9	161
04/29/19 05:00 AM	15764	220	1.43	ND	ND	ND	ND	ND	ND	ND	14.0	144
04/29/19 05:30 AM	15890	217	1.41	ND	ND	ND	ND	0.00273	ND	ND	12.2	143
04/29/19 06:00 AM	15918	217	1.42	ND	ND	ND	ND	ND	ND	ND	11.7	143
04/29/19 06:30 AM	16094	215	1.40	ND	ND	ND	ND	ND	ND	ND	11.6	143
04/29/19 07:00 AM	16099	216	1.40	ND	ND	ND	ND	ND	ND	ND	14.4	145
04/29/19 07:30 AM	16257	217	1.42	ND	ND	ND	ND	ND	ND	ND	10.8	141
04/29/19 08:00 AM	16512	221	1.42	ND	ND	ND	ND	ND	ND	ND	9.9	139
04/29/19 08:30 AM	16706	224	1.44	ND	ND	ND	ND	ND	ND	ND	12.6	148
04/29/19 09:00 AM	16807	227	1.44	ND	ND	ND	ND	ND	ND	ND	15.5	148
04/29/19 09:30 AM	17003	229	1.45	ND	ND	ND	ND	ND	ND	ND	14.3	150
04/29/19 10:00 AM	17074	231	1.46	ND	ND	ND	ND	ND	ND	ND	14.5	148
04/29/19 10:30 AM	17069	232	1.47	ND	ND	ND	ND	ND	ND	ND	16.5	151
04/29/19 11:00 AM	17265	232	1.47	ND	0.00085	ND	ND	ND	ND	ND	16.3	150
04/29/19 11:30 AM	17498	233	1.49	ND	ND	ND	ND	ND	0.00267	ND	15.8	155
04/29/19 12:00 PM	17505	231	1.46	ND	0.00091	ND	ND	ND	ND	ND	16.3	147
04/29/19 12:30 PM	17517	230	1.45	ND	ND	ND	ND	ND	ND	ND	16.8	149
04/29/19 01:00 PM	17669	230	1.45	ND	ND	ND	ND	ND	ND	ND	16.8	152
04/29/19 01:30 PM	17710	227	1.45	ND	ND	ND	ND	ND	ND	ND	15.4	150
04/29/19 02:00 PM	17512	219	1.43	ND	ND	ND	ND	ND	ND	ND	14.9	150
04/29/19 02:30 PM	17713	229	1.46	ND	ND	ND	ND	ND	ND	ND	13.8	163
04/29/19 03:00 PM	17707	226	1.45	ND	ND	ND	ND	ND	ND	ND	12.4	153
04/29/19 03:30 PM	17504	220	1.42	ND	ND	ND	ND	ND	ND	ND	12.6	137
04/29/19 04:00 PM	17436	219	1.41	ND	ND	ND	ND	ND	ND	ND	11.7	135
04/29/19 04:30 PM	17403	215	1.40	ND	ND	ND	ND	ND	ND	ND	12.7	137
04/29/19 05:00 PM	17803	217	1.41	ND	ND	ND	ND	ND	ND	ND	13.7	148
04/29/19 05:30 PM	17874	217	1.43	ND	ND	ND	ND	ND	ND	ND	14.2	149
04/29/19 06:00 PM	17890	215	1.40	ND	ND	ND	ND	ND	ND	ND	12.6	135
04/29/19 06:30 PM	17726	213	1.39	ND	ND	ND	ND	ND	ND	ND	11.6	134
04/29/19 07:00 PM	17572	211	1.40	ND	0.00160	ND	ND	ND	ND	ND	11.4	131
04/29/19 07:30 PM	17357	210	1.39	ND	ND	ND	ND	ND	ND	ND	11.0	129
04/29/19 08:00 PM	17270	210	1.39	ND	ND	ND	ND	ND	ND	ND	11.8	127
04/29/19 08:30 PM	17321	209	1.39	ND	ND	ND	ND	ND	ND	ND	11.7	131
04/29/19 09:00 PM	17563	206	1.38	ND	ND	ND	ND	ND	ND	ND	11.9	130
04/29/19 09:30 PM	17606	202	1.36	ND	ND	ND	ND	ND	ND	ND	11.7	131
04/29/19 10:00 PM	17536	200	1.36	ND	ND	ND	ND	ND	ND	ND	13.8	135
04/29/19 10:30 PM	17554	200	1.36	ND	ND	ND	ND	ND	ND	ND	14.9	136
04/29/19 11:00 PM	17611	201	1.36	ND	ND	ND	ND	ND	ND	ND	13.5	136
04/29/19 11:30 PM	17562	200	1.35	ND	ND	ND	ND	ND	ND	ND	13.6	134
04/30/19 12:00 AM	17575	200	1.35	ND	ND	ND	ND	ND	ND	ND	13.9	133

Daily Processed Summary (Average, Maximum)

Average	16902	219	1.42	BDL	0.00015	BDL	0.00008	BDL	0.00011	BDL	13.3	146
Maximum Value	17890	233	1.49	BDL	0.00393	BDL	0.00400	BDL	0.00273	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
04/30/19 12:30 AM	17641	200	1.34	ND	ND	ND	ND	ND	ND	ND	14.6	134
04/30/19 01:00 AM	17697	201	1.36	ND	ND	ND	ND	ND	ND	ND	15.5	138
04/30/19 01:30 AM	17676	201	1.35	ND	ND	ND	ND	ND	ND	ND	15.6	139
04/30/19 02:00 AM	17586	200	1.35	ND	ND	ND	ND	ND	ND	ND	16.9	139
04/30/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	15.8	138
04/30/19 03:00 AM	15717	162	1.20	ND	ND	ND	ND	ND	ND	ND	15.5	140
04/30/19 03:30 AM	16504	177	1.28	ND	ND	ND	ND	ND	ND	ND	16.5	143
04/30/19 04:00 AM	16494	180	1.28	ND	ND	ND	ND	ND	ND	ND	15.3	143
04/30/19 04:30 AM	17447	205	1.36	ND	ND	ND	ND	0.00583	ND	ND	16.0	140
04/30/19 05:00 AM	17586	213	1.38	ND	ND	ND	ND	ND	ND	ND	14.5	140
04/30/19 05:30 AM	17528	213	1.37	ND	ND	ND	ND	ND	ND	ND	13.3	136
04/30/19 06:00 AM	17466	212	1.38	ND	ND	ND	ND	ND	ND	ND	12.7	138
04/30/19 06:30 AM	17449	214	1.37	ND	ND	ND	ND	ND	ND	ND	13.5	136
04/30/19 07:00 AM	17386	213	1.38	ND	ND	ND	ND	ND	ND	ND	13.9	138
04/30/19 07:30 AM	17369	215	1.38	ND	ND	ND	ND	ND	ND	ND	16.8	140
04/30/19 08:00 AM	17332	216	1.39	ND	ND	ND	ND	ND	ND	ND	16.4	141
04/30/19 08:30 AM	17348	217	1.40	ND	ND	ND	ND	ND	ND	ND	16.1	143
04/30/19 09:00 AM	17452	218	1.40	ND	ND	ND	ND	ND	ND	ND	15.8	143
04/30/19 09:30 AM	17635	223	1.42	ND	ND	ND	ND	ND	ND	ND	17.1	144
04/30/19 10:00 AM	17633	224	1.42	ND	ND	ND	ND	ND	ND	ND	17.4	146
04/30/19 10:30 AM	17630	224	1.43	ND	ND	ND	ND	ND	ND	ND	20.1	150
04/30/19 11:00 AM	17654	226	1.45	ND	0.00105	ND	ND	ND	ND	ND	21.5	155
04/30/19 11:30 AM	17844	226	1.46	ND	ND	ND	ND	ND	ND	ND	21.3	154
04/30/19 12:00 PM	17988	229	1.45	ND	ND	ND	0.00394	ND	ND	ND	20.0	156
04/30/19 12:30 PM	17982	227	1.45	ND	0.00109	ND	ND	ND	ND	ND	18.3	164
04/30/19 01:00 PM	18168	226	1.46	ND	ND	0.00686	ND	ND	ND	ND	16.4	162
04/30/19 01:30 PM	18255	226	1.45	ND	ND	0.00536	ND	ND	ND	ND	18.8	166
04/30/19 02:00 PM	18491	228	1.45	ND	ND	ND	ND	ND	ND	ND	16.9	159
04/30/19 02:30 PM	18574	228	1.44	ND	ND	ND	ND	ND	0.00263	ND	16.6	152
04/30/19 03:00 PM	18411	224	1.43	ND	0.00255	ND	ND	ND	ND	ND	17.2	147
04/30/19 03:30 PM	18433	220	1.42	ND	0.00104	ND	ND	ND	ND	ND	17.1	149
04/30/19 04:00 PM	18367	219	1.41	ND	ND	ND	ND	0.00633	ND	ND	18.0	149
04/30/19 04:30 PM	18351	216	1.41	ND	ND	ND	ND	ND	ND	ND	17.8	150
04/30/19 05:00 PM	18141	213	1.39	ND	0.00144	ND	ND	ND	ND	ND	16.5	150
04/30/19 05:30 PM	18074	210	1.37	ND	ND	ND	ND	ND	ND	ND	16.6	148
04/30/19 06:00 PM	18057	211	1.39	ND	ND	ND	ND	ND	ND	ND	16.2	149
04/30/19 06:30 PM	18032	210	1.39	ND	ND	ND	ND	ND	ND	ND	18.5	148
04/30/19 07:00 PM	17772	209	1.38	ND	ND	ND	ND	ND	ND	ND	17.3	143
04/30/19 07:30 PM	17708	208	1.38	ND	0.00134	ND	ND	ND	ND	ND	16.7	146
04/30/19 08:00 PM	17618	206	1.37	ND	ND	ND	ND	ND	ND	ND	19.0	144
04/30/19 08:30 PM	17392	204	1.35	ND	ND	ND	ND	ND	ND	ND	18.1	142
04/30/19 09:00 PM	17373	202	1.36	ND	ND	ND	ND	ND	ND	ND	19.4	148
04/30/19 09:30 PM	17480	202	1.36	ND	ND	ND	ND	ND	ND	ND	17.3	146
04/30/19 10:00 PM	17411	201	1.35	ND	ND	ND	ND	ND	ND	ND	19.3	150
04/30/19 10:30 PM	17412	201	1.35	ND	ND	ND	ND	ND	ND	ND	17.4	150
04/30/19 11:00 PM	17420	202	1.35	ND	ND	ND	ND	ND	ND	ND	18.3	149
04/30/19 11:30 PM	17459	201	1.35	ND	ND	ND	ND	ND	ND	ND	18.7	152
05/01/19 12:00 AM	17426	200	1.35	ND	ND	ND	ND	ND	ND	ND	18.8	149

## Daily Processed Summary (Average, Maximum)

Average	17657	211	1.38	BDL	0.00018	0.00025	0.00008	0.00025	0.00005	BDL	16.9	147
Maximum Value	18574	229	1.46	BDL	0.00255	0.00686	0.00394	0.00633	0.00263	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
May 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
May 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

Open Path FTIR Daily (24-hour) Averages  
Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
5/1/2019	100	17358	200	1.36	BDL	0.00004	0.00011	0.00010	BDL	0.00006	BDL	15.5	148
5/2/2019	100	16380	194	1.34	BDL	0.00019	BDL	BDL	BDL	BDL	BDL	10.5	129
5/3/2019	58	15406	182	1.29	BDL	0.00018	BDL	BDL	BDL	BDL	BDL	9.3	139
5/4/2019	6	15084	251	1.84	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1	359
5/5/2019	100	15545	251	1.63	BDL	0.00030	BDL	0.00009	0.00006	0.00002	BDL	6.7	115
5/6/2019	96	16833	247	1.59	BDL	0.00017	BDL	0.00008	0.00010	0.00012	BDL	6.2	118
5/7/2019	100	19066	247	1.51	BDL	0.00033	BDL	0.00007	BDL	0.00020	BDL	10.7	131
5/8/2019	63	18810	253	1.50	BDL	0.00006	BDL	0.00008	BDL	0.00030	BDL	12.9	160
5/9/2019	0											7.6	149
5/10/2019	0											7.1	45
5/11/2019	40	14258	255	1.70	BDL	0.00004	BDL	0.00012	BDL	0.00010	BDL	3.4	352
5/12/2019	100	13401	259	1.71	BDL	0.00076	BDL	BDL	BDL	0.00038	BDL	5.1	23
5/13/2019	100	14279	265	1.72	BDL	0.00006	BDL	0.00025	BDL	0.00006	BDL	5.6	77
5/14/2019	60	15006	263	1.75	BDL	0.00011	BDL	BDL	BDL	0.00002	BDL	6.3	101
5/15/2019	27	16381	263	1.65	BDL	0.00003	BDL	BDL	0.00016	0.00008	BDL	6.4	98
5/16/2019	100	17867	257	1.64	0.00067	0.00014	BDL	0.00011	BDL	0.00004	BDL	7.7	122
5/17/2019	100	19445	247	1.52	0.00037	0.00011	BDL	0.00020	BDL	BDL	BDL	13.9	143
5/18/2019	100	20710	241	1.51	0.00032	0.00022	BDL	0.00016	BDL	BDL	BDL	17.2	156
5/19/2019	100	21046	243	1.49	BDL	0.00011	BDL	0.00005	BDL	0.00003	BDL	10.2	154
5/20/2019	100	20395	230	1.48	BDL	0.00006	BDL	0.00014	0.00025	0.00009	BDL	18.4	150
5/21/2019	100	19811	220	1.44	BDL	0.00029	BDL	0.00013	BDL	BDL	BDL	18.7	172
5/22/2019	100	19850	213	1.42	BDL	0.00016	BDL	0.00019	BDL	BDL	BDL	19.0	154
5/23/2019	100	19422	213	1.42	BDL	0.00024	BDL	0.00005	BDL	0.00008	BDL	17.8	146
5/24/2019	100	18588	228	1.47	BDL	0.00022	BDL	BDL	BDL	0.00004	BDL	14.8	142
5/25/2019	100	18270	224	1.46	BDL	0.00024	BDL	BDL	0.00008	0.00008	BDL	13.2	142
5/26/2019	100	17473	225	1.47	BDL	0.00031	BDL	BDL	BDL	BDL	BDL	12.8	144
5/27/2019	77	17540	228	1.48	BDL	0.00008	BDL	0.00012	0.00006	BDL	BDL	14.9	157
5/28/2019	98	18951	215	1.43	BDL	0.00034	BDL	0.00006	BDL	BDL	BDL	16.9	163
5/29/2019	100	18785	206	1.42	BDL	0.00011	BDL	BDL	BDL	BDL	BDL	16.1	151
5/30/2019	100	19338	206	1.43	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.7	142
5/31/2019	100	18253	210	1.47	BDL	BDL	BDL	BDL	BDL	0.00005	BDL	5.9	128

Daily Processed Summary (Average, Maximum)

Average	81	17709	232	1.52	0.00005	0.00017	0.00000	0.00007	0.00002	0.00006	BDL	9.7	142
Maximum Value	100	21046	265	1.84	0.00067	0.00076	0.00011	0.00025	0.00025	0.00038	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/01/19 12:30 AM	17446	199	1.35	ND	ND	ND	ND	ND	ND	ND	19.9	150
05/01/19 01:00 AM	17482	200	1.38	ND	ND	ND	ND	ND	ND	ND	17.8	152
05/01/19 01:30 AM	17474	200	1.37	ND	ND	ND	ND	ND	ND	ND	17.3	149
05/01/19 02:00 AM	17494	198	1.36	ND	ND	ND	ND	ND	ND	ND	16.3	152
05/01/19 02:30 AM	17458	200	1.38	ND	ND	ND	ND	ND	ND	ND	16.3	153
05/01/19 03:00 AM	17515	201	1.39	ND	ND	ND	ND	ND	ND	ND	16.5	166
05/01/19 03:30 AM	17409	200	1.36	ND	ND	ND	ND	ND	ND	ND	13.5	161
05/01/19 04:00 AM	17461	201	1.38	ND	ND	ND	ND	ND	ND	ND	13.9	166
05/01/19 04:30 AM	17359	201	1.37	ND	ND	ND	ND	ND	ND	ND	13.4	158
05/01/19 05:00 AM	17252	200	1.35	ND	ND	ND	ND	ND	0.00278	ND	14.7	147
05/01/19 05:30 AM	17212	199	1.36	ND	ND	ND	ND	ND	ND	ND	14.2	150
05/01/19 06:00 AM	17090	200	1.35	ND	ND	ND	ND	ND	ND	ND	13.5	144
05/01/19 06:30 AM	16976	200	1.35	ND	ND	ND	ND	ND	ND	ND	12.2	142
05/01/19 07:00 AM	16805	199	1.33	ND	ND	ND	ND	ND	ND	ND	13.3	143
05/01/19 07:30 AM	16792	199	1.34	ND	ND	ND	ND	ND	ND	ND	12.8	143
05/01/19 08:00 AM	16868	199	1.34	ND	ND	ND	ND	ND	ND	ND	12.4	141
05/01/19 08:30 AM	16960	202	1.35	ND	ND	ND	ND	ND	ND	ND	15.4	150
05/01/19 09:00 AM	17100	203	1.35	ND	ND	ND	ND	ND	ND	ND	12.6	161
05/01/19 09:30 AM	17205	203	1.36	ND	ND	ND	ND	ND	ND	ND	18.3	151
05/01/19 10:00 AM	17377	206	1.38	ND	ND	ND	ND	ND	ND	ND	17.0	152
05/01/19 10:30 AM	17495	209	1.39	ND	ND	ND	ND	ND	ND	ND	16.3	149
05/01/19 11:00 AM	17809	215	1.41	ND	ND	ND	ND	ND	ND	ND	15.6	148
05/01/19 11:30 AM	17644	213	1.39	ND	ND	ND	ND	ND	ND	ND	15.2	146
05/01/19 12:00 PM	17625	211	1.41	ND	ND	0.00522	ND	ND	ND	ND	15.5	143
05/01/19 12:30 PM	17752	210	1.42	ND	ND	ND	ND	ND	ND	ND	16.4	144
05/01/19 01:00 PM	17596	209	1.40	ND	ND	ND	ND	ND	ND	ND	14.8	141
05/01/19 01:30 PM	17607	208	1.38	ND	ND	ND	ND	ND	ND	ND	14.9	140
05/01/19 02:00 PM	17666	206	1.37	ND	ND	ND	ND	ND	ND	ND	13.8	131
05/01/19 02:30 PM	17592	206	1.36	ND	ND	ND	ND	ND	ND	ND	13.9	136
05/01/19 03:00 PM	17343	200	1.36	ND	ND	ND	ND	ND	ND	ND	14.5	136
05/01/19 03:30 PM	17164	191	1.33	ND	ND	ND	ND	ND	ND	ND	15.3	139
05/01/19 04:00 PM	17370	198	1.34	ND	ND	ND	ND	ND	ND	ND	15.9	139
05/01/19 04:30 PM	16104	168	1.22	ND	ND	ND	ND	ND	ND	ND	14.2	143
05/01/19 05:00 PM	17538	200	1.34	ND	ND	ND	ND	ND	ND	ND	15.8	149
05/01/19 05:30 PM	17792	205	1.35	ND	ND	ND	ND	ND	ND	ND	16.8	151
05/01/19 06:00 PM	17865	207	1.36	ND	ND	ND	ND	ND	ND	ND	17.1	158
05/01/19 06:30 PM	17669	203	1.36	ND	ND	ND	ND	ND	ND	ND	17.4	154
05/01/19 07:00 PM	17574	199	1.34	ND	ND	ND	ND	ND	ND	ND	17.9	151
05/01/19 07:30 PM	17473	195	1.33	ND	ND	ND	ND	ND	ND	ND	18.7	149
05/01/19 08:00 PM	17443	193	1.32	ND	ND	ND	ND	ND	ND	ND	17.9	151
05/01/19 08:30 PM	17322	191	1.33	ND	ND	ND	ND	ND	ND	ND	16.3	150
05/01/19 09:00 PM	17384	191	1.34	ND	ND	ND	ND	ND	ND	ND	15.1	151
05/01/19 09:30 PM	17377	191	1.35	ND	ND	ND	ND	ND	ND	ND	15.1	151
05/01/19 10:00 PM	17357	192	1.37	ND	0.00210	ND	ND	ND	ND	ND	17.4	154
05/01/19 10:30 PM	17304	191	1.35	ND	ND	ND	ND	ND	ND	ND	17.9	151
05/01/19 11:00 PM	17165	190	1.32	ND	ND	ND	ND	ND	ND	ND	18.7	149
05/01/19 11:30 PM	17237	191	1.34	ND	ND	ND	0.00463	ND	ND	ND	17.9	151
05/02/19 12:00 AM	17168	191	1.33	ND	ND	ND	ND	ND	ND	ND	16.3	150

Daily Processed Summary (Average, Maximum)

Average	17358	200	1.36	BDL	0.00004	0.00011	0.00010	BDL	0.00006	BDL	15.5	148
Maximum Value	17865	215	1.42	BDL	0.00210	0.00522	0.00463	BDL	0.00278	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/02/19 12:30 AM	17002	191	1.31	ND	ND	ND	ND	ND	ND	ND	13.8	144
05/02/19 01:00 AM	16836	191	1.31	ND	ND	ND	ND	ND	ND	ND	12.4	135
05/02/19 01:30 AM	16762	188	1.31	ND	ND	ND	ND	ND	ND	ND	11.6	125
05/02/19 02:00 AM	16556	189	1.30	ND	ND	ND	ND	ND	ND	ND	12.5	135
05/02/19 02:30 AM	16532	190	1.30	ND	ND	ND	ND	ND	ND	ND	13.4	139
05/02/19 03:00 AM	16586	190	1.31	ND	ND	ND	ND	ND	ND	ND	15.1	144
05/02/19 03:30 AM	16639	190	1.32	ND	0.00372	ND	ND	ND	ND	ND	15.8	154
05/02/19 04:00 AM	16600	189	1.30	ND	ND	ND	ND	ND	ND	ND	12.7	177
05/02/19 04:30 AM	16488	191	1.31	ND	ND	ND	ND	ND	ND	ND	10.9	176
05/02/19 05:00 AM	16488	193	1.33	ND	ND	ND	ND	ND	ND	ND	12.4	165
05/02/19 05:30 AM	16453	193	1.33	ND	ND	ND	ND	ND	ND	ND	13.0	165
05/02/19 06:00 AM	16471	192	1.32	ND	ND	ND	ND	ND	ND	ND	11.5	172
05/02/19 06:30 AM	16472	190	1.32	ND	ND	ND	ND	ND	ND	ND	12.0	166
05/02/19 07:00 AM	16415	190	1.31	ND	ND	ND	ND	ND	ND	ND	10.7	162
05/02/19 07:30 AM	16542	192	1.34	ND	ND	ND	ND	ND	ND	ND	7.8	140
05/02/19 08:00 AM	16469	189	1.32	ND	ND	ND	ND	ND	ND	ND	6.8	59
05/02/19 08:30 AM	16476	188	1.31	ND	ND	ND	ND	ND	ND	ND	8.4	47
05/02/19 09:00 AM	17173	205	1.37	ND	ND	ND	ND	ND	ND	ND	9.9	68
05/02/19 09:30 AM	17009	215	1.42	ND	ND	ND	ND	ND	ND	ND	10.5	98
05/02/19 10:00 AM	16429	218	1.41	ND	ND	ND	ND	ND	ND	ND	11.5	129
05/02/19 10:30 AM	16431	219	1.41	ND	ND	ND	ND	ND	ND	ND	12.4	123
05/02/19 11:00 AM	16634	218	1.40	ND	ND	ND	ND	ND	ND	ND	13.5	124
05/02/19 11:30 AM	16515	218	1.40	ND	0.00092	ND	ND	ND	ND	ND	14.9	131
05/02/19 12:00 PM	16553	213	1.40	ND	ND	ND	ND	ND	ND	ND	14.7	139
05/02/19 12:30 PM	16317	208	1.37	ND	ND	ND	ND	ND	ND	ND	16.0	143
05/02/19 01:00 PM	16499	204	1.37	ND	ND	ND	ND	ND	ND	ND	15.6	129
05/02/19 01:30 PM	16534	199	1.35	ND	ND	ND	ND	ND	ND	ND	20.2	118
05/02/19 02:00 PM	16774	201	1.36	ND	0.00130	ND	ND	ND	ND	ND	17.2	116
05/02/19 02:30 PM	16426	199	1.35	ND	ND	ND	ND	ND	ND	ND	12.8	137
05/02/19 03:00 PM	16336	195	1.34	ND	ND	ND	ND	ND	ND	ND	16.0	133
05/02/19 03:30 PM	16560	202	1.36	ND	ND	ND	ND	ND	ND	ND	14.4	138
05/02/19 04:00 PM	16241	205	1.36	ND	ND	ND	ND	ND	ND	ND	18.7	145
05/02/19 04:30 PM	16303	202	1.35	ND	ND	ND	ND	ND	ND	ND	14.5	138
05/02/19 05:00 PM	16291	197	1.34	ND	ND	ND	ND	ND	ND	ND	11.5	124
05/02/19 05:30 PM	16447	196	1.34	ND	ND	ND	ND	ND	ND	ND	10.9	117
05/02/19 06:00 PM	16311	195	1.34	ND	0.00166	ND	ND	ND	ND	ND	11.1	125
05/02/19 06:30 PM	16257	194	1.33	ND	ND	ND	ND	ND	ND	ND	11.1	125
05/02/19 07:00 PM	16256	192	1.33	ND	ND	ND	ND	ND	ND	ND	10.5	123
05/02/19 07:30 PM	16257	190	1.32	ND	ND	ND	ND	ND	ND	ND	9.5	117
05/02/19 08:00 PM	16207	189	1.32	ND	ND	ND	ND	ND	ND	ND	8.9	106
05/02/19 08:30 PM	16051	186	1.33	ND	0.00156	ND	ND	ND	ND	ND	7.4	87
05/02/19 09:00 PM	15955	183	1.30	ND	ND	ND	ND	ND	ND	ND	8.0	84
05/02/19 09:30 PM	15919	182	1.31	ND	ND	ND	ND	ND	ND	ND	7.4	84
05/02/19 10:00 PM	15321	169	1.26	ND	ND	ND	ND	ND	ND	ND	8.4	78
05/02/19 10:30 PM	15740	180	1.31	ND	ND	ND	ND	ND	ND	ND	8.1	90
05/02/19 11:00 PM	15617	176	1.29	ND	ND	ND	ND	ND	ND	ND	7.8	87
05/02/19 11:30 PM	15537	173	1.29	ND	ND	ND	ND	ND	ND	ND	7.1	85
05/03/19 12:00 AM	15547	173	1.30	ND	ND	ND	ND	ND	ND	ND	5.7	88

## Daily Processed Summary (Average, Maximum)

Average	16380	194	1.34	BDL	0.00019	BDL	BDL	BDL	BDL	BDL	10.5	129
Maximum Value	17173	219	1.42	BDL	0.00372	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/03/19 12:30 AM	15627	172	1.27	ND	ND	ND	ND	ND	ND	ND	7.7	105
05/03/19 01:00 AM	15495	169	1.26	ND	ND	ND	ND	ND	ND	ND	9.3	108
05/03/19 01:30 AM	15452	166	1.25	ND	ND	ND	ND	ND	ND	ND	11.4	113
05/03/19 02:00 AM	15692	172	1.26	ND	ND	ND	ND	ND	ND	ND	10.8	128
05/03/19 02:30 AM	15820	174	1.27	ND	ND	ND	ND	ND	ND	ND	11.2	128
05/03/19 03:00 AM	15830	176	1.27	ND	ND	ND	ND	ND	ND	ND	11.4	129
05/03/19 03:30 AM	15874	176	1.27	ND	ND	ND	ND	ND	ND	ND	10.1	129
05/03/19 04:00 AM	15838	177	1.26	ND	ND	ND	ND	ND	ND	ND	10.3	127
05/03/19 04:30 AM	15845	178	1.28	ND	0.00189	ND	ND	ND	ND	ND	10.4	126
05/03/19 05:00 AM	15793	178	1.27	ND	ND	ND	ND	ND	ND	ND	10.1	123
05/03/19 05:30 AM	15703	178	1.28	ND	ND	ND	ND	ND	ND	ND	10.4	124
05/03/19 06:00 AM	15748	178	1.28	ND	ND	ND	ND	ND	ND	ND	9.6	121
05/03/19 06:30 AM	15752	177	1.26	ND	ND	ND	ND	ND	ND	ND	9.3	128
05/03/19 07:00 AM	15605	178	1.27	ND	ND	ND	ND	ND	ND	ND	9.4	128
05/03/19 07:30 AM	15556	178	1.27	ND	ND	ND	ND	ND	ND	ND	8.0	122
05/03/19 08:00 AM	15391	174	1.26	ND	ND	ND	ND	ND	ND	ND	9.2	139
05/03/19 08:30 AM	15358	172	1.25	ND	ND	ND	ND	ND	ND	ND	10.6	134
05/03/19 09:00 AM	15488	175	1.25	ND	ND	ND	ND	ND	ND	ND	12.9	137
05/03/19 09:30 AM	15441	172	1.24	ND	ND	ND	ND	ND	ND	ND	14.5	139
05/03/19 10:00 AM	15847	182	1.28	ND	ND	ND	ND	ND	ND	ND	14.1	139
05/03/19 10:30 AM	15795	184	1.29	ND	ND	ND	ND	ND	ND	ND	13.3	135
05/03/19 11:00 AM	15772	184	1.28	ND	ND	ND	ND	ND	ND	ND	13.1	134
05/03/19 11:30 AM	14776	160	1.19	ND	ND	ND	ND	ND	ND	ND	13.5	142
05/03/19 12:00 PM	14047	157	1.20	ND	ND	ND	ND	ND	ND	ND	16.5	151
05/03/19 12:30 PM	14221	218	1.41	ND	ND	ND	ND	ND	ND	ND	13.4	145
05/03/19 01:00 PM	14486	228	1.44	ND	0.00326	ND	ND	ND	ND	ND	9.2	112
05/03/19 01:30 PM	14757	230	1.43	ND	0.00109	ND	ND	ND	ND	ND	offline	offline
05/03/19 02:00 PM	14353	234	1.43	ND	0.00260	ND	ND	ND	ND	ND	offline	offline
05/03/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	265
05/03/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	196
05/03/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	190
05/03/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	202
05/03/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	193
05/03/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	186
05/03/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	169
05/03/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	162
05/03/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	148
05/03/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	143
05/03/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	134
05/03/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	114
05/03/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	107
05/03/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	113
05/03/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	111
05/03/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	107
05/03/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	126
05/03/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	133
05/03/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	152
05/04/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.2	212
Daily Processed Summary (Average, Maximum)												
Average	15406	182	1.29	BDL	0.00018	BDL	BDL	BDL	BDL	BDL	9.3	139
Maximum Value	15874	234	1.44	BDL	0.00326	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCI_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/04/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline
05/04/19 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline
05/04/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	122
05/04/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	181
05/04/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	80
05/04/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	108
05/04/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	47
05/04/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	106
05/04/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.5	295
05/04/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	313
05/04/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	316
05/04/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	318
05/04/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	287
05/04/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	123
05/04/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	120
05/04/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	82
05/04/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	129
05/04/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	20
05/04/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	10
05/04/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	119
05/04/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	332
05/04/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	322
05/04/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	339
05/04/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	322
05/04/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	332
05/04/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	288
05/04/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	335
05/04/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	313
05/04/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	310
05/04/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	338
05/04/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	343
05/04/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	335
05/04/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	332
05/04/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	330
05/04/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	338
05/04/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	339
05/04/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	121
05/04/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	12
05/04/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	18
05/04/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	21
05/04/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	27
05/04/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	54
05/04/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	42
05/04/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	42
05/04/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	ND	4.2
05/04/19 11:00 PM	15204	251	1.76	ND	ND	ND	ND	ND	ND	ND	ND	39
05/04/19 11:30 PM	15127	251	1.88	ND	ND	ND	ND	ND	ND	ND	4.4	34
05/05/19 12:00 AM	14921	251	1.88	ND	ND	ND	ND	ND	ND	ND	4.4	45

Daily Processed Summary (Average, Maximum)

Average	15084	251	1.84	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1	359
Maximum Value	15204	251	1.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/05/19 12:30 AM	14748	251	1.71	ND	ND	ND	ND	ND	ND	ND	4.0	48
05/05/19 01:00 AM	14777	250	1.85	ND	ND	ND	ND	ND	ND	ND	4.9	41
05/05/19 01:30 AM	14758	251	1.93	ND	ND	ND	ND	ND	ND	ND	4.5	41
05/05/19 02:00 AM	14641	250	1.90	ND	0.00197	ND	ND	ND	ND	ND	4.2	44
05/05/19 02:30 AM	14561	250	1.86	ND	ND	ND	ND	ND	ND	ND	5.3	37
05/05/19 03:00 AM	14404	247	1.71	ND	0.00121	ND	ND	ND	ND	ND	4.4	49
05/05/19 03:30 AM	14306	246	1.71	ND	ND	ND	ND	ND	ND	ND	5.1	36
05/05/19 04:00 AM	14187	245	1.71	ND	0.00073	ND	ND	ND	ND	ND	4.8	46
05/05/19 04:30 AM	14141	244	1.72	ND	ND	ND	ND	ND	ND	ND	4.2	53
05/05/19 05:00 AM	14033	243	1.73	ND	ND	ND	ND	ND	ND	ND	4.8	51
05/05/19 05:30 AM	13986	242	1.67	ND	ND	ND	ND	ND	ND	ND	5.7	57
05/05/19 06:00 AM	13930	241	1.64	ND	ND	ND	ND	ND	ND	ND	6.3	64
05/05/19 06:30 AM	13958	234	1.63	ND	ND	ND	ND	ND	ND	ND	5.8	60
05/05/19 07:00 AM	13956	226	1.62	ND	ND	ND	ND	ND	ND	ND	6.1	58
05/05/19 07:30 AM	14456	233	1.65	ND	ND	ND	ND	0.00229	ND	ND	10.4	118
05/05/19 08:00 AM	15352	244	1.67	ND	ND	ND	ND	ND	ND	ND	6.3	68
05/05/19 08:30 AM	16138	239	1.64	ND	ND	ND	ND	ND	ND	ND	5.9	73
05/05/19 09:00 AM	17346	251	1.65	ND	0.00050	ND	ND	ND	ND	ND	5.2	93
05/05/19 09:30 AM	17744	255	1.66	ND	ND	ND	ND	ND	ND	ND	6.7	101
05/05/19 10:00 AM	17177	256	1.61	ND	0.00112	ND	ND	ND	ND	ND	9.2	117
05/05/19 10:30 AM	16770	257	1.58	ND	0.00054	ND	ND	ND	ND	ND	9.0	120
05/05/19 11:00 AM	16259	258	1.58	ND	ND	ND	0.00229	ND	ND	ND	10.4	118
05/05/19 11:30 AM	15846	260	1.57	ND	0.00062	ND	ND	ND	ND	ND	10.5	125
05/05/19 12:00 PM	15125	260	1.57	ND	0.00065	ND	ND	ND	0.00114	ND	9.4	124
05/05/19 12:30 PM	14710	261	1.58	ND	ND	ND	ND	ND	ND	ND	8.2	129
05/05/19 01:00 PM	14593	262	1.58	ND	ND	ND	ND	ND	ND	ND	8.9	127
05/05/19 01:30 PM	14584	262	1.58	ND	0.00072	ND	ND	ND	ND	ND	7.7	128
05/05/19 02:00 PM	15066	262	1.57	ND	ND	ND	ND	ND	ND	ND	9.0	129
05/05/19 02:30 PM	15525	263	1.57	ND	ND	ND	ND	ND	ND	ND	10.4	134
05/05/19 03:00 PM	16698	263	1.58	ND	0.00159	ND	ND	ND	ND	ND	10.5	142
05/05/19 03:30 PM	15755	262	1.56	ND	ND	ND	ND	ND	ND	ND	9.4	133
05/05/19 04:00 PM	16041	261	1.57	ND	ND	ND	ND	ND	ND	ND	9.6	131
05/05/19 04:30 PM	15974	262	1.57	ND	ND	ND	0.00183	ND	ND	ND	11.3	143
05/05/19 05:00 PM	16076	261	1.58	ND	0.00057	ND	ND	ND	ND	ND	11.3	139
05/05/19 05:30 PM	15708	257	1.57	ND	0.00065	ND	ND	ND	ND	ND	11.5	139
05/05/19 06:00 PM	16320	256	1.58	ND	ND	ND	ND	ND	ND	ND	11.9	142
05/05/19 06:30 PM	16566	259	1.57	ND	ND	ND	ND	ND	ND	ND	12.6	140
05/05/19 07:00 PM	16699	259	1.57	ND	ND	ND	ND	ND	ND	ND	11.9	130
05/05/19 07:30 PM	16669	257	1.57	ND	0.00050	ND	ND	ND	ND	ND	10.5	129
05/05/19 08:00 PM	16426	254	1.56	ND	0.00064	ND	ND	0.00300	ND	ND	9.2	130
05/05/19 08:30 PM	16472	250	1.56	ND	ND	ND	ND	ND	ND	ND	8.1	131
05/05/19 09:00 PM	16603	247	1.56	ND	0.00050	ND	ND	ND	ND	ND	8.5	132
05/05/19 09:30 PM	16609	245	1.56	ND	ND	ND	ND	ND	ND	ND	8.5	135
05/05/19 10:00 PM	16285	245	1.55	ND	0.00063	ND	ND	ND	ND	ND	9.9	136
05/05/19 10:30 PM	16279	244	1.56	ND	0.00062	ND	ND	ND	ND	ND	8.5	133
05/05/19 11:00 PM	16081	243	1.55	ND	ND	ND	ND	ND	ND	ND	8.6	133
05/05/19 11:30 PM	15917	243	1.56	ND	0.00049	ND	ND	ND	ND	ND	10.1	135
05/06/19 12:00 AM	15889	243	1.56	ND	ND	ND	ND	ND	ND	ND	7.7	130

Daily Processed Summary (Average, Maximum)

Average	15545	251	1.63	BDL	0.00030	BDL	0.00009	0.00006	0.00002	BDL	6.7	115
Maximum Value	17744	263	1.93	BDL	0.00197	BDL	0.00229	0.00300	0.00114	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCI_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/06/19 12:30 AM	15761	242	1.55	ND	0.00052	ND	ND	ND	ND	ND	6.2	117
05/06/19 01:00 AM	15555	241	1.67	ND	ND	ND	ND	ND	ND	ND	5.6	110
05/06/19 01:30 AM	15441	240	1.54	ND	ND	ND	ND	ND	ND	ND	5.7	127
05/06/19 02:00 AM	15559	240	1.53	ND	ND	ND	0.00233	ND	ND	ND	5.8	126
05/06/19 02:30 AM	15674	240	1.51	ND	0.00151	ND	ND	ND	ND	ND	7.5	131
05/06/19 03:00 AM	15872	240	1.52	ND	ND	ND	ND	ND	ND	ND	7.9	135
05/06/19 03:30 AM	16061	240	1.54	ND	ND	ND	ND	ND	ND	ND	5.8	127
05/06/19 04:00 AM	15857	240	1.61	ND	ND	ND	ND	ND	ND	ND	4.1	105
05/06/19 04:30 AM	15809	237	1.63	ND	ND	ND	ND	ND	ND	ND	3.9	134
05/06/19 05:00 AM	16131	235	1.52	ND	ND	ND	ND	ND	ND	ND	5.6	149
05/06/19 05:30 AM	15995	238	1.61	ND	ND	ND	ND	ND	ND	ND	2.9	125
05/06/19 06:00 AM	15953	236	1.59	ND	ND	ND	ND	ND	ND	ND	1.5	172
05/06/19 06:30 AM	16164	237	1.62	ND	ND	ND	ND	ND	ND	ND	2.8	147
05/06/19 07:00 AM	15746	240	1.74	ND	ND	ND	ND	ND	ND	ND	3.8	134
05/06/19 07:30 AM	14979	242	1.90	ND	ND	ND	ND	ND	ND	ND	3.8	19
05/06/19 08:00 AM	15029	241	1.86	ND	ND	ND	ND	ND	ND	ND	4.2	27
05/06/19 08:30 AM	15608	239	1.71	ND	ND	ND	ND	ND	ND	ND	5.4	43
05/06/19 09:00 AM	16245	241	1.64	ND	ND	ND	ND	ND	ND	ND	7.0	49
05/06/19 09:30 AM	16722	245	1.65	ND	ND	ND	ND	ND	ND	ND	8.1	62
05/06/19 10:00 AM	17021	248	1.60	ND	ND	ND	ND	ND	ND	ND	6.9	69
05/06/19 10:30 AM	17219	251	1.60	ND	ND	ND	ND	ND	0.00114	ND	7.1	79
05/06/19 11:00 AM	16892	253	1.60	ND	ND	ND	ND	ND	ND	ND	6.8	106
05/06/19 11:30 AM	16506	255	1.58	ND	0.00137	ND	ND	ND	ND	ND	8.4	110
05/06/19 12:00 PM	16458	254	1.56	ND	ND	ND	ND	ND	ND	ND	9.0	123
05/06/19 12:30 PM	16763	253	1.56	ND	0.00168	ND	ND	ND	ND	ND	10.3	119
05/06/19 01:00 PM	16627	253	1.55	ND	ND	ND	ND	ND	ND	ND	9.2	127
05/06/19 01:30 PM	16599	253	1.55	ND	ND	ND	ND	0.00283	ND	ND	9.5	129
05/06/19 02:00 PM	16663	251	1.54	ND	ND	ND	ND	ND	ND	ND	9.8	120
05/06/19 02:30 PM	16470	250	1.55	ND	ND	ND	ND	ND	ND	ND	9.8	150
05/06/19 03:00 PM	16968	243	1.53	ND	ND	ND	ND	ND	ND	ND	12.9	155
05/06/19 03:30 PM	16761	210	1.45	ND	ND	ND	ND	ND	ND	ND	13.1	143
05/06/19 04:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	13.6	111
05/06/19 04:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	18.0	114
05/06/19 05:00 PM	16378	222	1.47	ND	ND	ND	ND	ND	ND	ND	15.8	121
05/06/19 05:30 PM	17914	250	1.54	ND	ND	ND	ND	ND	ND	ND	14.6	113
05/06/19 06:00 PM	18063	257	1.57	ND	0.00127	ND	ND	ND	ND	ND	8.7	208
05/06/19 06:30 PM	17786	257	1.56	ND	ND	ND	ND	ND	ND	ND	3.3	228
05/06/19 07:00 PM	17865	261	1.57	ND	0.00047	ND	ND	0.00217	ND	ND	2.6	157
05/06/19 07:30 PM	18383	261	1.58	ND	ND	ND	ND	ND	ND	ND	5.6	118
05/06/19 08:00 PM	18636	259	1.58	ND	0.00046	ND	ND	ND	ND	ND	5.8	115
05/06/19 08:30 PM	18562	259	1.59	ND	ND	ND	ND	ND	ND	ND	5.7	106
05/06/19 09:00 PM	18435	258	1.57	ND	ND	ND	ND	ND	ND	ND	6.1	110
05/06/19 09:30 PM	18325	258	1.56	ND	ND	ND	ND	ND	ND	ND	5.3	106
05/06/19 10:00 PM	18404	258	1.60	ND	0.00056	ND	ND	ND	0.00139	ND	5.0	101
05/06/19 10:30 PM	18480	259	1.60	ND	0.00050	ND	ND	ND	0.00335	ND	5.8	102
05/06/19 11:00 PM	18574	257	1.58	ND	ND	ND	0.00167	ND	ND	ND	5.9	104
05/06/19 11:30 PM	18663	258	1.57	ND	ND	ND	ND	ND	ND	ND	7.4	123
05/07/19 12:00 AM	18735	257	1.56	ND	ND	ND	ND	ND	ND	ND	7.8	124

Daily Processed Summary (Average, Maximum)

Average	16833	247	1.59	BDL	0.00017	BDL	0.00008	0.00010	0.00012	BDL	6.2	118
Maximum Value	18735	261	1.90	BDL	0.00168	BDL	0.00233	0.00283	0.00335	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/07/19 12:30 AM	18984	257	1.57	ND	ND	ND	ND	ND	ND	ND	7.5	116
05/07/19 01:00 AM	19091	257	1.57	ND	ND	ND	ND	ND	ND	ND	6.6	108
05/07/19 01:30 AM	19239	257	1.56	ND	ND	ND	ND	ND	ND	ND	6.6	108
05/07/19 02:00 AM	19330	257	1.55	ND	ND	ND	ND	ND	ND	ND	7.2	115
05/07/19 02:30 AM	19376	257	1.55	ND	ND	ND	ND	ND	ND	ND	8.2	123
05/07/19 03:00 AM	19446	256	1.55	ND	ND	ND	ND	ND	0.00113	ND	10.8	129
05/07/19 03:30 AM	19438	257	1.55	ND	0.00073	ND	ND	ND	ND	ND	9.6	129
05/07/19 04:00 AM	19388	256	1.54	ND	0.00058	ND	ND	ND	0.00133	ND	10.8	137
05/07/19 04:30 AM	19313	255	1.53	ND	0.00061	ND	0.00177	ND	ND	ND	9.4	132
05/07/19 05:00 AM	19243	255	1.53	ND	ND	ND	ND	ND	ND	ND	11.0	137
05/07/19 05:30 AM	19327	256	1.53	ND	0.00054	ND	ND	ND	ND	ND	9.4	132
05/07/19 06:00 AM	19442	256	1.52	ND	0.00058	ND	ND	ND	ND	ND	9.6	132
05/07/19 06:30 AM	19430	256	1.52	ND	ND	ND	0.00168	ND	ND	ND	8.6	120
05/07/19 07:00 AM	19514	256	1.54	ND	ND	ND	ND	ND	ND	ND	8.3	120
05/07/19 07:30 AM	19453	256	1.53	ND	ND	ND	ND	ND	ND	ND	9.4	121
05/07/19 08:00 AM	19549	255	1.52	ND	ND	ND	ND	ND	ND	ND	8.4	116
05/07/19 08:30 AM	19721	257	1.52	ND	ND	ND	ND	ND	ND	ND	9.5	123
05/07/19 09:00 AM	19936	258	1.53	ND	0.00056	ND	ND	ND	ND	ND	10.0	122
05/07/19 09:30 AM	19291	231	1.47	ND	ND	ND	ND	ND	ND	ND	11.4	129
05/07/19 10:00 AM	19923	248	1.50	ND	ND	ND	ND	ND	ND	ND	11.1	128
05/07/19 10:30 AM	20225	259	1.52	ND	ND	ND	ND	ND	ND	ND	12.7	134
05/07/19 11:00 AM	20320	261	1.52	ND	0.00279	ND	ND	ND	ND	ND	13.3	137
05/07/19 11:30 AM	20435	263	1.53	ND	0.00214	ND	ND	ND	ND	ND	13.7	137
05/07/19 12:00 PM	20496	264	1.53	ND	0.00057	ND	ND	ND	ND	ND	14.1	136
05/07/19 12:30 PM	20556	266	1.53	ND	0.00038	ND	ND	ND	ND	ND	15.1	143
05/07/19 01:00 PM	20706	266	1.54	ND	ND	ND	ND	ND	ND	ND	16.5	151
05/07/19 01:30 PM	20806	267	1.55	ND	ND	ND	ND	ND	ND	ND	16.6	165
05/07/19 02:00 PM	20681	268	1.56	ND	ND	ND	ND	ND	ND	ND	18.5	155
05/07/19 02:30 PM	20582	262	1.53	ND	ND	ND	ND	ND	ND	ND	15.7	148
05/07/19 03:00 PM	19904	237	1.47	ND	ND	ND	ND	ND	ND	ND	16.1	147
05/07/19 03:30 PM	20120	240	1.48	ND	ND	ND	ND	ND	ND	ND	16.7	148
05/07/19 04:00 PM	20705	262	1.54	ND	ND	ND	ND	ND	ND	ND	17.0	149
05/07/19 04:30 PM	20070	232	1.47	ND	ND	ND	ND	ND	ND	ND	16.8	149
05/07/19 05:00 PM	20139	240	1.51	ND	ND	ND	ND	ND	ND	ND	17.6	153
05/07/19 05:30 PM	20297	255	1.52	ND	ND	ND	ND	ND	ND	ND	15.4	144
05/07/19 06:00 PM	19490	240	1.48	ND	0.00063	ND	ND	ND	ND	ND	14.1	140
05/07/19 06:30 PM	15720	162	1.24	ND	ND	ND	ND	ND	ND	ND	10.1	130
05/07/19 07:00 PM	17519	210	1.40	ND	0.00109	ND	ND	ND	ND	ND	11.9	136
05/07/19 07:30 PM	18269	240	1.47	ND	ND	ND	ND	ND	ND	ND	10.6	130
05/07/19 08:00 PM	17642	252	1.50	ND	ND	ND	ND	ND	0.00383	ND	10.0	131
05/07/19 08:30 PM	17384	257	1.51	ND	ND	ND	ND	ND	ND	ND	7.8	119
05/07/19 09:00 PM	17528	257	1.54	ND	0.00055	ND	ND	ND	0.00124	ND	7.9	102
05/07/19 09:30 PM	17656	258	1.54	ND	0.00052	ND	ND	ND	ND	ND	6.6	81
05/07/19 10:00 PM	17240	252	1.54	ND	0.00236	ND	ND	ND	0.00218	ND	8.1	80
05/07/19 10:30 PM	16122	212	1.42	ND	ND	ND	ND	ND	ND	ND	9.3	77
05/07/19 11:00 PM	16634	227	1.50	ND	0.00107	ND	ND	ND	ND	ND	10.0	78
05/07/19 11:30 PM	15720	199	1.42	ND	ND	ND	ND	ND	ND	ND	10.8	82
05/08/19 12:00 AM	13749	163	1.31	ND	ND	ND	ND	ND	ND	ND	11.7	82

Daily Processed Summary (Average, Maximum)

Average	19066	247	1.51	BDL	0.00033	BDL	0.00007	BDL	0.00020	BDL	10.7	131
Maximum Value	20806	268	1.57	BDL	0.00279	BDL	0.00177	BDL	0.00383	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/08/19 12:30 AM	14923	197	1.47	ND	0.00143	ND	ND	ND	ND	ND	11.6	94
05/08/19 01:00 AM	15985	222	1.47	ND	ND	ND	ND	ND	ND	ND	9.0	90
05/08/19 01:30 AM	16377	235	1.48	ND	0.00067	ND	ND	ND	ND	ND	11.0	105
05/08/19 02:00 AM	16915	245	1.48	ND	ND	ND	ND	ND	ND	ND	10.5	114
05/08/19 02:30 AM	17204	249	1.50	ND	ND	ND	ND	ND	0.00139	ND	11.8	114
05/08/19 03:00 AM	17618	247	1.50	ND	ND	ND	ND	ND	ND	ND	10.7	123
05/08/19 03:30 AM	17760	253	1.49	ND	ND	ND	ND	ND	ND	ND	14.2	134
05/08/19 04:00 AM	17908	254	1.49	ND	ND	ND	ND	ND	ND	ND	13.9	138
05/08/19 04:30 AM	18295	253	1.49	ND	ND	0.00167	ND	ND	ND	ND	12.2	137
05/08/19 05:00 AM	18491	252	1.49	ND	ND	ND	ND	ND	ND	ND	10.1	136
05/08/19 05:30 AM	18611	251	1.49	ND	ND	ND	ND	ND	ND	ND	8.8	133
05/08/19 06:00 AM	18728	253	1.50	ND	ND	ND	ND	ND	ND	ND	10.1	135
05/08/19 06:30 AM	18544	257	1.51	ND	ND	ND	ND	ND	ND	ND	13.1	150
05/08/19 07:00 AM	19006	260	1.54	ND	ND	ND	ND	ND	ND	ND	15.0	165
05/08/19 07:30 AM	19122	257	1.51	ND	ND	ND	ND	0.00153	ND	ND	15.9	176
05/08/19 08:00 AM	19205	256	1.49	ND	ND	ND	ND	0.00250	ND	ND	15.7	182
05/08/19 08:30 AM	19299	256	1.50	ND	ND	ND	ND	0.00892	ND	ND	18.3	180
05/08/19 09:00 AM	19379	257	1.50	ND	ND	ND	ND	ND	ND	ND	16.7	183
05/08/19 09:30 AM	19428	259	1.52	ND	ND	ND	ND	ND	ND	ND	16.5	183
05/08/19 10:00 AM	19552	260	1.52	ND	ND	ND	ND	ND	ND	ND	16.5	185
05/08/19 10:30 AM	19469	260	1.51	ND	ND	ND	0.00195	ND	ND	ND	18.9	182
05/08/19 11:00 AM	19729	262	1.52	ND	ND	ND	ND	ND	ND	ND	18.9	179
05/08/19 11:30 AM	19888	262	1.52	ND	ND	ND	ND	ND	ND	ND	19.3	178
05/08/19 12:00 PM	19930	263	1.52	ND	ND	ND	ND	ND	ND	ND	18.9	176
05/08/19 12:30 PM	20171	262	1.52	ND	ND	ND	ND	ND	ND	ND	19.5	176
05/08/19 01:00 PM	20366	263	1.52	ND	ND	ND	ND	ND	ND	ND	18.0	179
05/08/19 01:30 PM	20553	264	1.52	ND	ND	ND	ND	ND	ND	ND	16.3	176
05/08/19 02:00 PM	20450	261	1.52	ND	0.00067	ND	ND	ND	ND	ND	14.8	179
05/08/19 02:30 PM	20590	258	1.52	ND	ND	ND	ND	ND	ND	ND	13.4	183
05/08/19 03:00 PM	20818	257	1.52	ND	ND	ND	ND	ND	ND	ND	13.7	178
05/08/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.8	174
05/08/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.8	159
05/08/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	147
05/08/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	140
05/08/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	138
05/08/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	139
05/08/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	139
05/08/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	136
05/08/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	139
05/08/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	142
05/08/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.0	150
05/08/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.8	163
05/08/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.9	165
05/08/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	169
05/08/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	176
05/08/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	177
05/08/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	178
05/09/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	183

Daily Processed Summary (Average, Maximum)

Average	18810	253	1.50	BDL	0.00006	BDL	0.00008	BDL	0.00030	BDL	12.9	160
Maximum Value	20818	264	1.54	BDL	0.00143	BDL	0.00195	BDL	0.00892	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/09/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	183
05/09/19 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	182
05/09/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	184
05/09/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	181
05/09/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	180
05/09/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	179
05/09/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	174
05/09/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	182
05/09/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	183
05/09/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	179
05/09/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	177
05/09/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	181
05/09/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	171
05/09/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	141
05/09/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	131
05/09/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	131
05/09/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	141
05/09/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	154
05/09/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	164
05/09/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	163
05/09/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	133
05/09/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	128
05/09/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	131
05/09/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	136
05/09/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	132
05/09/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	125
05/09/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	132
05/09/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	226
05/09/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	277
05/09/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	224
05/09/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	181
05/09/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	128
05/09/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	125
05/09/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	133
05/09/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	124
05/09/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	120
05/09/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	125
05/09/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	129
05/09/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	102
05/09/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	107
05/09/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	126
05/09/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	108
05/09/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	111
05/09/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	114
05/09/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	79
05/09/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	129
05/09/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.6	14
05/10/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	166

Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											7.6	149

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/10/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	31.9	110
05/10/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.1	56
05/10/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.2	92
05/10/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	92
05/10/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	97
05/10/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	120
05/10/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	113
05/10/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	66
05/10/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	30
05/10/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	42
05/10/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	45
05/10/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	38
05/10/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	38
05/10/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	31
05/10/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	39
05/10/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	29
05/10/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	21
05/10/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	40
05/10/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	9
05/10/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	20
05/10/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	12
05/10/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	14
05/10/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	9
05/10/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	178
05/10/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.1	7
05/10/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	293
05/10/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.0	355
05/10/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.6	63
05/10/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.5	120
05/10/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.5	10
05/10/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	19
05/10/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	21
05/10/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	20
05/10/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	22
05/10/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	26
05/10/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	19
05/10/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	13
05/10/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	9
05/10/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	122
05/10/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	178
05/10/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	265
05/10/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	345
05/10/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	4
05/10/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	121
05/10/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	352
05/10/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	180
05/10/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	239
05/11/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	358

Daily Processed Summary (Average, Maximum)

Average											7.1	45
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/11/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	238
05/11/19 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	181
05/11/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	22
05/11/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	47
05/11/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	37
05/11/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	36
05/11/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	131
05/11/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	350
05/11/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	292
05/11/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	9
05/11/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	10
05/11/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	12
05/11/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	6
05/11/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	7
05/11/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	241
05/11/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	353
05/11/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	351
05/11/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	354
05/11/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	179
05/11/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	355
05/11/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	236
05/11/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	183
05/11/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	181
05/11/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	9
05/11/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	27
05/11/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	15
05/11/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	185
05/11/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	77
05/11/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	348
05/11/19 03:00 PM	14082	234	1.65	ND	ND	ND	ND	ND	ND	ND	11.6	333
05/11/19 03:30 PM	14520	246	1.67	ND	ND	ND	ND	ND	ND	ND	13.8	334
05/11/19 04:00 PM	14727	257	1.69	ND	ND	ND	0.00210	ND	ND	ND	15.4	332
05/11/19 04:30 PM	14304	260	1.68	ND	ND	ND	ND	ND	ND	ND	14.5	338
05/11/19 05:00 PM	14218	259	1.69	ND	ND	ND	ND	ND	ND	ND	12.7	343
05/11/19 05:30 PM	13951	259	1.70	ND	ND	ND	0.00370	ND	0.00136	ND	11.5	347
05/11/19 06:00 PM	14208	260	1.69	ND	0.00046	ND	ND	ND	ND	ND	11.0	236
05/11/19 06:30 PM	14472	261	1.71	ND	0.00067	ND	ND	ND	ND	ND	11.4	121
05/11/19 07:00 PM	14621	262	1.72	ND	0.00037	ND	ND	ND	ND	ND	11.9	355
05/11/19 07:30 PM	14455	261	1.71	ND	0.00045	ND	ND	ND	ND	ND	11.1	179
05/11/19 08:00 PM	14498	259	1.71	ND	ND	ND	ND	ND	ND	ND	9.1	66
05/11/19 08:30 PM	14568	257	1.71	ND	ND	ND	ND	ND	ND	ND	8.6	7
05/11/19 09:00 PM	14291	256	1.72	ND	ND	ND	ND	ND	ND	ND	10.7	13
05/11/19 09:30 PM	14104	256	1.72	ND	ND	ND	ND	ND	0.00117	ND	10.0	8
05/11/19 10:00 PM	14275	255	1.73	ND	ND	ND	ND	ND	0.00104	ND	7.4	120
05/11/19 10:30 PM	14295	255	1.73	ND	ND	ND	ND	ND	ND	ND	9.3	356
05/11/19 11:00 PM	13981	255	1.72	ND	ND	ND	ND	ND	ND	ND	9.2	179
05/11/19 11:30 PM	13732	253	1.70	ND	ND	ND	ND	ND	ND	ND	8.0	295
05/12/19 12:00 AM	13595	243	1.68	ND	ND	ND	ND	ND	0.00144	ND	9.1	343

Daily Processed Summary (Average, Maximum)

Average	14258	255	1.70	BDL	0.00004	BDL	0.00012	BDL	0.00010	BDL	3.4	352
Maximum Value	14727	262	1.73	BDL	0.00067	BDL	0.00370	BDL	0.00144	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CSH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/12/19 12:30 AM	13303	231	1.65	ND	ND	ND	ND	ND	ND	ND	8.8	351
05/12/19 01:00 AM	13139	234	1.63	ND	0.00090	ND	ND	ND	0.00194	ND	10.9	351
05/12/19 01:30 AM	12797	229	1.61	ND	ND	ND	ND	ND	0.00191	ND	11.7	350
05/12/19 02:00 AM	12521	229	1.62	ND	0.00148	ND	ND	ND	ND	ND	10.2	344
05/12/19 02:30 AM	12663	242	1.64	ND	ND	ND	ND	ND	ND	ND	10.4	346
05/12/19 03:00 AM	12680	244	1.64	ND	ND	ND	ND	ND	ND	ND	10.7	351
05/12/19 03:30 AM	12662	241	1.64	ND	ND	ND	ND	ND	ND	ND	9.6	353
05/12/19 04:00 AM	12723	240	1.64	ND	ND	ND	ND	ND	ND	ND	9.5	356
05/12/19 04:30 AM	12856	243	1.65	ND	0.00086	ND	ND	ND	ND	ND	10.3	297
05/12/19 05:00 AM	12882	247	1.67	ND	ND	ND	ND	ND	ND	ND	9.6	357
05/12/19 05:30 AM	12906	248	1.66	ND	ND	ND	ND	ND	ND	ND	8.5	179
05/12/19 06:00 AM	12894	250	1.66	ND	ND	ND	ND	ND	ND	ND	7.3	357
05/12/19 06:30 AM	12878	251	1.68	ND	ND	ND	ND	ND	ND	ND	7.1	181
05/12/19 07:00 AM	12926	251	1.69	ND	ND	ND	ND	ND	ND	ND	8.4	237
05/12/19 07:30 AM	12928	252	1.68	ND	0.00056	ND	ND	ND	ND	ND	8.9	357
05/12/19 08:00 AM	12954	254	1.69	ND	ND	ND	ND	ND	ND	ND	9.4	294
05/12/19 08:30 AM	12978	255	1.69	ND	ND	ND	ND	ND	ND	ND	9.9	64
05/12/19 09:00 AM	12960	257	1.70	ND	0.00460	ND	ND	ND	ND	ND	13.3	123
05/12/19 09:30 AM	12872	260	1.71	ND	0.00381	ND	ND	ND	ND	ND	15.0	9
05/12/19 10:00 AM	12910	261	1.71	ND	0.00307	ND	ND	ND	ND	ND	14.9	10
05/12/19 10:30 AM	13147	263	1.71	ND	0.00341	ND	ND	ND	ND	ND	15.2	6
05/12/19 11:00 AM	13236	265	1.70	ND	0.00364	ND	ND	ND	ND	ND	14.9	239
05/12/19 11:30 AM	13184	266	1.70	ND	0.00393	ND	ND	ND	ND	ND	14.6	6
05/12/19 12:00 PM	13586	267	1.70	ND	0.00421	ND	ND	ND	ND	ND	12.7	175
05/12/19 12:30 PM	13694	268	1.69	ND	0.00201	ND	ND	ND	ND	ND	12.3	122
05/12/19 01:00 PM	13700	269	1.69	ND	0.00068	ND	ND	ND	ND	ND	13.2	128
05/12/19 01:30 PM	13875	270	1.69	ND	0.00044	ND	ND	ND	ND	ND	12.7	14
05/12/19 02:00 PM	13798	271	1.69	ND	0.00168	ND	ND	ND	ND	ND	12.4	33
05/12/19 02:30 PM	13803	271	1.69	ND	0.00031	ND	ND	ND	ND	ND	12.5	33
05/12/19 03:00 PM	13669	271	1.69	ND	0.00037	ND	ND	ND	0.00171	ND	12.6	28
05/12/19 03:30 PM	13660	272	1.68	ND	ND	ND	ND	ND	0.00339	ND	12.2	43
05/12/19 04:00 PM	13624	273	1.68	ND	ND	ND	ND	ND	ND	ND	10.4	47
05/12/19 04:30 PM	13711	273	1.69	ND	ND	ND	ND	ND	0.00305	ND	9.6	37
05/12/19 05:00 PM	13652	273	1.69	ND	ND	ND	ND	ND	0.00121	ND	7.6	45
05/12/19 05:30 PM	13778	272	1.69	ND	ND	ND	ND	ND	ND	ND	6.5	52
05/12/19 06:00 PM	13661	271	1.68	ND	ND	ND	ND	ND	0.00263	ND	6.1	51
05/12/19 06:30 PM	13820	272	1.69	ND	ND	ND	ND	ND	0.00218	ND	5.2	71
05/12/19 07:00 PM	13967	271	1.76	ND	ND	ND	ND	ND	ND	ND	4.7	37
05/12/19 07:30 PM	13751	270	1.72	ND	0.00038	ND	ND	ND	ND	ND	5.7	49
05/12/19 08:00 PM	13977	269	1.68	ND	0.00045	ND	ND	ND	ND	ND	4.2	72
05/12/19 08:30 PM	13910	268	1.71	ND	ND	ND	ND	ND	ND	ND	3.4	68
05/12/19 09:00 PM	14242	268	2.08	ND	ND	ND	ND	ND	ND	ND	2.3	20
05/12/19 09:30 PM	14245	267	2.02	ND	ND	ND	ND	ND	ND	ND	3.3	31
05/12/19 10:00 PM	14201	266	2.07	ND	ND	ND	ND	ND	ND	ND	3.8	36
05/12/19 10:30 PM	14017	264	1.72	ND	ND	ND	ND	ND	ND	ND	4.1	47
05/12/19 11:00 PM	14029	266	1.72	ND	ND	ND	ND	ND	ND	ND	3.4	55
05/12/19 11:30 PM	13977	265	1.88	ND	ND	ND	ND	ND	ND	ND	4.9	80
05/13/19 12:00 AM	13911	264	1.73	ND	ND	ND	ND	ND	ND	ND	5.0	74

Daily Processed Summary (Average, Maximum)

Average	13401	259	1.71	BDL	0.00076	BDL	BDL	BDL	0.00038	BDL	5.1	23
Maximum Value	14245	273	2.08	BDL	0.00460	BDL	BDL	BDL	0.00339	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/13/19 12:30 AM	13906	267	1.87	ND	ND	ND	ND	ND	ND	ND	5.3	47
05/13/19 01:00 AM	13740	267	1.87	ND	ND	ND	ND	ND	ND	ND	4.4	20
05/13/19 01:30 AM	13683	263	1.76	ND	ND	ND	ND	ND	ND	ND	4.3	27
05/13/19 02:00 AM	13627	262	1.79	ND	ND	ND	0.00150	ND	ND	ND	5.7	46
05/13/19 02:30 AM	13618	262	1.72	ND	ND	ND	ND	ND	ND	ND	5.4	39
05/13/19 03:00 AM	13381	262	1.71	ND	0.00040	ND	ND	ND	ND	ND	5.1	45
05/13/19 03:30 AM	13245	262	1.69	ND	ND	ND	ND	ND	ND	ND	4.4	61
05/13/19 04:00 AM	13208	261	1.72	ND	ND	ND	ND	ND	ND	ND	5.0	52
05/13/19 04:30 AM	13137	262	1.82	ND	ND	ND	ND	ND	ND	ND	6.2	36
05/13/19 05:00 AM	13122	261	1.77	ND	ND	ND	ND	ND	ND	ND	4.3	42
05/13/19 05:30 AM	13100	260	1.79	ND	ND	ND	ND	ND	ND	ND	4.8	37
05/13/19 06:00 AM	13135	260	2.06	ND	ND	ND	0.00309	ND	ND	ND	4.6	32
05/13/19 06:30 AM	13129	260	1.80	ND	ND	ND	ND	ND	ND	ND	5.0	47
05/13/19 07:00 AM	13225	260	1.79	ND	0.00042	ND	0.00143	ND	ND	ND	5.9	45
05/13/19 07:30 AM	13222	261	1.87	ND	ND	ND	0.00399	ND	ND	ND	6.7	48
05/13/19 08:00 AM	13441	262	1.89	ND	ND	ND	ND	ND	ND	ND	7.0	62
05/13/19 08:30 AM	13891	264	1.85	ND	ND	ND	ND	ND	ND	ND	7.2	69
05/13/19 09:00 AM	14504	265	1.82	ND	0.00047	ND	ND	ND	ND	ND	7.2	63
05/13/19 09:30 AM	14820	267	1.77	ND	ND	ND	ND	ND	ND	ND	7.5	63
05/13/19 10:00 AM	14864	268	1.73	ND	ND	ND	ND	ND	ND	ND	7.8	55
05/13/19 10:30 AM	14470	270	1.70	ND	ND	ND	ND	ND	ND	ND	8.9	58
05/13/19 11:00 AM	14060	271	1.69	ND	ND	ND	ND	ND	ND	ND	8.8	58
05/13/19 11:30 AM	14065	272	1.69	ND	ND	ND	ND	ND	ND	ND	10.2	42
05/13/19 12:00 PM	14045	272	1.69	ND	ND	ND	ND	ND	ND	ND	10.2	46
05/13/19 12:30 PM	14081	271	1.68	ND	ND	ND	ND	ND	ND	ND	8.7	37
05/13/19 01:00 PM	14221	272	1.67	ND	ND	ND	ND	ND	ND	ND	8.0	44
05/13/19 01:30 PM	14011	274	1.67	ND	ND	ND	ND	ND	ND	ND	6.7	69
05/13/19 02:00 PM	14284	273	1.68	ND	ND	ND	ND	ND	ND	ND	6.1	84
05/13/19 02:30 PM	14019	272	1.66	ND	ND	ND	ND	ND	ND	ND	5.6	85
05/13/19 03:00 PM	14382	273	1.66	ND	ND	ND	ND	ND	ND	ND	7.1	99
05/13/19 03:30 PM	15408	272	1.66	ND	ND	ND	ND	ND	ND	ND	8.2	110
05/13/19 04:00 PM	15524	272	1.66	ND	ND	ND	ND	ND	ND	ND	7.4	118
05/13/19 04:30 PM	15597	271	1.65	ND	0.00070	ND	ND	ND	ND	ND	7.9	130
05/13/19 05:00 PM	15364	270	1.64	ND	ND	ND	ND	ND	ND	ND	8.5	131
05/13/19 05:30 PM	15350	267	1.64	ND	ND	ND	ND	ND	ND	ND	10.2	129
05/13/19 06:00 PM	15391	266	1.63	ND	0.00041	ND	ND	ND	ND	ND	10.4	131
05/13/19 06:30 PM	15537	266	1.63	ND	ND	ND	ND	ND	ND	ND	9.6	137
05/13/19 07:00 PM	15422	267	1.63	ND	ND	ND	ND	ND	ND	ND	9.7	131
05/13/19 07:30 PM	15326	264	1.63	ND	ND	ND	ND	ND	ND	ND	8.7	120
05/13/19 08:00 PM	15143	264	1.62	ND	ND	ND	ND	ND	0.00153	ND	8.8	112
05/13/19 08:30 PM	15173	262	1.64	ND	ND	ND	ND	ND	ND	ND	8.5	105
05/13/19 09:00 PM	15183	261	1.66	ND	ND	ND	ND	ND	ND	ND	7.8	99
05/13/19 09:30 PM	14631	261	1.66	ND	ND	ND	0.00180	ND	ND	ND	7.7	98
05/13/19 10:00 PM	14545	260	1.64	ND	ND	ND	ND	ND	ND	ND	6.5	102
05/13/19 10:30 PM	14551	259	1.70	ND	ND	ND	ND	ND	ND	ND	5.6	97
05/13/19 11:00 PM	14566	258	1.68	ND	ND	ND	ND	ND	ND	ND	3.9	85
05/13/19 11:30 PM	14598	258	1.65	ND	ND	ND	ND	ND	ND	ND	3.4	60
05/14/19 12:00 AM	14441	260	1.77	ND	0.00042	ND	ND	ND	ND	ND	3.6	20

Daily Processed Summary (Average, Maximum)

Average	14279	265	1.72	BDL	0.00006	BDL	0.00025	BDL	0.00006	BDL	5.6	77
Maximum Value	15597	274	2.06	BDL	0.00070	BDL	0.00399	BDL	0.00153	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/14/19 12:30 AM	14463	257	1.87	ND	0.00056	ND	ND	ND	ND	ND	3.9	59
05/14/19 01:00 AM	14241	259	1.88	ND	0.00048	ND	ND	ND	ND	ND	3.7	40
05/14/19 01:30 AM	14047	258	1.79	ND	ND	ND	ND	ND	ND	ND	4.4	26
05/14/19 02:00 AM	13955	256	1.75	ND	ND	ND	ND	ND	ND	ND	5.1	68
05/14/19 02:30 AM	13810	257	1.72	ND	0.00050	ND	ND	ND	ND	ND	3.7	44
05/14/19 03:00 AM	13727	256	1.86	ND	ND	ND	ND	ND	ND	ND	2.3	51
05/14/19 03:30 AM	13749	256	1.78	ND	0.00048	ND	ND	ND	ND	ND	1.4	114
05/14/19 04:00 AM	13761	255	1.78	ND	ND	ND	ND	ND	ND	ND	3.6	115
05/14/19 04:30 AM	13925	255	1.75	ND	0.00054	ND	ND	ND	ND	ND	4.7	238
05/14/19 05:00 AM	13595	258	1.84	ND	ND	ND	ND	ND	ND	ND	5.6	34
05/14/19 05:30 AM	13401	257	1.87	ND	0.00045	ND	ND	ND	ND	ND	6.1	64
05/14/19 06:00 AM	13338	258	1.91	ND	0.00128	ND	ND	ND	ND	ND	5.8	84
05/14/19 06:30 AM	13296	257	1.81	ND	ND	ND	ND	ND	ND	ND	5.1	58
05/14/19 07:00 AM	13197	258	1.97	ND	ND	ND	ND	ND	ND	ND	5.3	37
05/14/19 07:30 AM	13505	260	1.80	ND	ND	ND	ND	ND	ND	ND	5.3	58
05/14/19 08:00 AM	14209	262	1.78	ND	ND	ND	ND	ND	ND	ND	6.1	70
05/14/19 08:30 AM	15086	263	1.77	ND	ND	ND	ND	ND	ND	ND	6.0	63
05/14/19 09:00 AM	15785	264	1.76	ND	ND	ND	ND	ND	ND	ND	7.0	70
05/14/19 09:30 AM	16227	266	1.75	ND	ND	ND	ND	ND	ND	ND	8.2	91
05/14/19 10:00 AM	16352	267	1.70	ND	0.00047	ND	ND	ND	ND	ND	8.5	93
05/14/19 10:30 AM	16442	268	1.68	ND	ND	ND	ND	ND	ND	ND	7.3	106
05/14/19 11:00 AM	16318	270	1.66	ND	0.00037	ND	ND	ND	ND	ND	7.3	103
05/14/19 11:30 AM	15967	270	1.65	ND	ND	ND	ND	ND	ND	ND	6.5	77
05/14/19 12:00 PM	16040	271	1.65	ND	ND	ND	ND	ND	ND	ND	6.6	99
05/14/19 12:30 PM	16725	271	1.63	ND	ND	ND	ND	ND	ND	ND	6.5	107
05/14/19 01:00 PM	16920	271	1.62	ND	0.00036	ND	ND	0.00105	ND	ND	6.0	108
05/14/19 01:30 PM	17438	271	1.62	ND	ND	ND	ND	ND	ND	ND	7.6	109
05/14/19 02:00 PM	17912	271	1.62	ND	ND	ND	ND	ND	ND	ND	8.6	101
05/14/19 02:30 PM	17745	270	1.62	ND	ND	ND	ND	ND	ND	ND	9.1	124
05/14/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	130
05/14/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	132
05/14/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	135
05/14/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	135
05/14/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	123
05/14/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	118
05/14/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	117
05/14/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	121
05/14/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	116
05/14/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	106
05/14/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	106
05/14/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	94
05/14/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	91
05/14/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	92
05/14/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	114
05/14/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	99
05/14/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	82
05/14/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	111
05/15/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	77

Daily Processed Summary (Average, Maximum)

Average	15006	263	1.75	BDL	0.00011	BDL	BDL	BDL	BDL	0.00002	BDL	6.3	101
Maximum Value	17912	271	1.97	BDL	0.00128	BDL	BDL	BDL	BDL	0.00105	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/15/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	56
05/15/19 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	44
05/15/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	44
05/15/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	85
05/15/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.2	34
05/15/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	53
05/15/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	46
05/15/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	47
05/15/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	61
05/15/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	50
05/15/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	46
05/15/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	55
05/15/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	60
05/15/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	55
05/15/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	49
05/15/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	49
05/15/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	64
05/15/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	70
05/15/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	67
05/15/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	74
05/15/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	87
05/15/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	73
05/15/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	73
05/15/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	91
05/15/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	78
05/15/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	89
05/15/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	100
05/15/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	110
05/15/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	138
05/15/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	132
05/15/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	126
05/15/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	132
05/15/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	136
05/15/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	140
05/15/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	134
05/15/19 06:00 PM	17168	298	1.73	ND	ND	ND	ND	ND	ND	ND	11.6	130
05/15/19 06:30 PM	16714	289	1.69	ND	ND	ND	ND	0.00775	ND	ND	12.0	127
05/15/19 07:00 PM	15825	268	1.61	ND	ND	ND	ND	ND	ND	ND	12.2	128
05/15/19 07:30 PM	15891	265	1.61	ND	ND	ND	ND	ND	ND	ND	11.0	121
05/15/19 08:00 PM	15812	262	1.60	ND	ND	ND	ND	ND	ND	ND	10.3	114
05/15/19 08:30 PM	16067	260	1.60	ND	ND	ND	ND	ND	0.00212	ND	10.0	109
05/15/19 09:00 PM	16109	257	1.60	ND	0.00064	ND	ND	ND	ND	ND	9.9	106
05/15/19 09:30 PM	16396	256	1.63	ND	0.00058	ND	ND	ND	ND	ND	8.4	99
05/15/19 10:00 PM	16583	254	1.63	ND	ND	ND	ND	ND	ND	ND	7.7	101
05/15/19 10:30 PM	16490	254	1.64	ND	ND	ND	ND	ND	0.00162	ND	6.6	100
05/15/19 11:00 PM	16559	252	1.61	ND	ND	ND	ND	ND	ND	ND	6.8	102
05/15/19 11:30 PM	16618	253	1.62	ND	ND	ND	ND	ND	ND	ND	5.9	103
05/16/19 12:00 AM	16717	253	1.80	ND	ND	ND	ND	ND	ND	ND	5.0	97

Daily Processed Summary (Average, Maximum)

Average	16381	263	1.65	BDL	0.00003	BDL	BDL	0.00016	0.00008	BDL	6.4	98
Maximum Value	17168	298	1.80	BDL	0.00064	BDL	BDL	0.00775	0.00212	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/16/19 12:30 AM	16703	253	2.02	ND	ND	ND	ND	ND	ND	ND	4.2	92
05/16/19 01:00 AM	16709	251	1.64	ND	ND	ND	0.00345	ND	ND	ND	3.8	91
05/16/19 01:30 AM	16589	252	1.62	ND	ND	ND	ND	ND	ND	ND	3.2	87
05/16/19 02:00 AM	16349	251	1.68	ND	ND	ND	ND	ND	ND	ND	3.9	85
05/16/19 02:30 AM	16276	253	1.78	ND	ND	ND	ND	ND	ND	ND	4.7	94
05/16/19 03:00 AM	16688	250	1.77	ND	ND	ND	ND	ND	ND	ND	4.7	106
05/16/19 03:30 AM	17023	252	1.75	ND	ND	ND	ND	ND	ND	ND	5.0	101
05/16/19 04:00 AM	16569	257	1.74	ND	ND	ND	0.00198	ND	ND	ND	4.1	80
05/16/19 04:30 AM	15880	253	1.75	ND	ND	ND	ND	ND	ND	ND	2.4	275
05/16/19 05:00 AM	16345	246	1.66	ND	ND	ND	ND	ND	ND	ND	3.0	75
05/16/19 05:30 AM	16599	249	1.66	ND	ND	ND	ND	ND	ND	ND	2.9	85
05/16/19 06:00 AM	16701	250	1.67	0.01510	ND	ND	ND	ND	ND	ND	2.7	86
05/16/19 06:30 AM	16437	254	1.74	ND	ND	ND	ND	ND	ND	ND	4.1	53
05/16/19 07:00 AM	16011	255	1.79	ND	ND	ND	ND	ND	ND	ND	4.1	39
05/16/19 07:30 AM	16088	254	1.75	ND	ND	ND	ND	ND	ND	ND	4.3	27
05/16/19 08:00 AM	16369	258	1.85	ND	ND	ND	ND	ND	ND	ND	4.5	44
05/16/19 08:30 AM	17613	263	1.76	ND	ND	ND	ND	ND	ND	ND	2.1	141
05/16/19 09:00 AM	18829	265	1.69	ND	0.00047	ND	ND	ND	ND	ND	5.7	91
05/16/19 09:30 AM	18913	265	1.66	ND	ND	ND	ND	ND	ND	ND	5.7	100
05/16/19 10:00 AM	18624	266	1.60	ND	ND	ND	ND	ND	ND	ND	6.2	114
05/16/19 10:30 AM	18441	267	1.58	ND	ND	ND	ND	ND	ND	ND	8.8	130
05/16/19 11:00 AM	18153	268	1.59	ND	ND	ND	ND	ND	ND	ND	9.1	140
05/16/19 11:30 AM	18077	267	1.57	ND	0.00103	ND	ND	ND	ND	ND	10.4	132
05/16/19 12:00 PM	18318	267	1.58	ND	ND	ND	ND	ND	ND	ND	10.6	131
05/16/19 12:30 PM	18607	267	1.58	ND	ND	ND	ND	ND	ND	ND	10.8	126
05/16/19 01:00 PM	18756	266	1.58	ND	ND	ND	ND	ND	ND	ND	10.9	129
05/16/19 01:30 PM	18742	267	1.58	ND	ND	ND	ND	ND	ND	ND	11.8	136
05/16/19 02:00 PM	18956	267	1.58	ND	ND	ND	ND	ND	ND	ND	11.8	127
05/16/19 02:30 PM	18997	266	1.58	ND	0.00219	ND	ND	ND	ND	ND	12.9	130
05/16/19 03:00 PM	19058	265	1.58	ND	0.00053	ND	ND	ND	ND	ND	12.8	128
05/16/19 03:30 PM	19076	265	1.59	ND	0.00075	ND	ND	ND	ND	ND	13.1	129
05/16/19 04:00 PM	19032	264	1.58	ND	0.00052	ND	ND	ND	ND	ND	13.4	131
05/16/19 04:30 PM	19023	263	1.58	ND	ND	ND	ND	ND	ND	ND	13.3	132
05/16/19 05:00 PM	18949	262	1.58	ND	ND	ND	ND	ND	ND	ND	13.7	124
05/16/19 05:30 PM	18674	259	1.58	ND	ND	ND	ND	ND	ND	ND	14.1	136
05/16/19 06:00 PM	18672	257	1.57	ND	ND	ND	ND	ND	ND	ND	12.5	131
05/16/19 06:30 PM	18708	257	1.58	ND	ND	ND	ND	ND	ND	ND	12.0	125
05/16/19 07:00 PM	18550	256	1.58	ND	ND	ND	ND	ND	ND	ND	11.9	125
05/16/19 07:30 PM	18473	254	1.58	ND	ND	ND	ND	ND	ND	ND	11.9	127
05/16/19 08:00 PM	18393	252	1.57	ND	ND	ND	ND	ND	0.00195	ND	10.4	127
05/16/19 08:30 PM	18349	252	1.57	ND	ND	ND	ND	ND	ND	ND	10.3	126
05/16/19 09:00 PM	18403	251	1.58	ND	ND	ND	ND	ND	ND	ND	10.3	126
05/16/19 09:30 PM	18294	250	1.57	ND	ND	ND	ND	ND	ND	ND	9.5	126
05/16/19 10:00 PM	18345	249	1.57	ND	ND	ND	ND	ND	ND	ND	8.7	128
05/16/19 10:30 PM	18378	249	1.56	ND	0.00068	ND	ND	ND	ND	ND	9.0	127
05/16/19 11:00 PM	18342	249	1.55	0.01715	0.00063	ND	ND	ND	ND	ND	10.2	131
05/16/19 11:30 PM	18292	249	1.55	ND	ND	ND	ND	ND	ND	ND	10.9	135
05/17/19 12:00 AM	18231	249	1.54	ND	ND	ND	ND	ND	ND	ND	12.2	138

Daily Processed Summary (Average, Maximum)

Average	17867	257	1.64	0.00067	0.00014	BDL	0.00011	BDL	0.00004	BDL	7.7	122
Maximum Value	19076	268	2.02	0.01715	0.00219	BDL	0.00345	BDL	0.00195	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

## Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/17/19 12:30 AM	18171	249	1.55	ND	ND	ND	0.00174	ND	ND	ND	12.6	139
05/17/19 01:00 AM	18134	249	1.54	ND	ND	ND	ND	ND	ND	ND	10.0	134
05/17/19 01:30 AM	18268	249	1.54	ND	ND	ND	ND	ND	ND	ND	10.6	136
05/17/19 02:00 AM	18294	248	1.54	ND	ND	ND	ND	ND	ND	ND	11.1	136
05/17/19 02:30 AM	18357	248	1.54	0.01755	ND	ND	ND	ND	ND	ND	9.6	140
05/17/19 03:00 AM	18332	249	1.54	ND	ND	ND	ND	ND	ND	ND	13.2	147
05/17/19 03:30 AM	18380	250	1.54	ND	ND	ND	ND	ND	ND	ND	10.2	167
05/17/19 04:00 AM	18192	251	1.54	ND	ND	ND	ND	ND	ND	ND	11.0	172
05/17/19 04:30 AM	18507	251	1.55	ND	ND	ND	0.00178	ND	ND	ND	11.1	166
05/17/19 05:00 AM	18570	251	1.54	ND	ND	ND	ND	ND	ND	ND	11.3	166
05/17/19 05:30 AM	18729	249	1.54	ND	ND	ND	ND	ND	ND	ND	13.8	151
05/17/19 06:00 AM	18565	247	1.52	ND	0.00069	ND	ND	ND	ND	ND	14.6	145
05/17/19 06:30 AM	18593	246	1.51	ND	ND	ND	ND	ND	ND	ND	12.6	142
05/17/19 07:00 AM	18794	245	1.52	ND	ND	ND	ND	ND	ND	ND	12.2	145
05/17/19 07:30 AM	18904	245	1.51	ND	ND	ND	ND	ND	ND	ND	11.8	143
05/17/19 08:00 AM	19074	246	1.52	ND	ND	ND	ND	ND	ND	ND	11.4	142
05/17/19 08:30 AM	19115	249	1.53	ND	ND	ND	ND	ND	ND	ND	14.4	150
05/17/19 09:00 AM	18781	252	1.53	ND	ND	ND	ND	ND	ND	ND	14.2	154
05/17/19 09:30 AM	18881	253	1.53	ND	0.00065	ND	ND	ND	ND	ND	13.1	145
05/17/19 10:00 AM	19099	254	1.52	ND	ND	ND	ND	ND	ND	ND	14.9	144
05/17/19 10:30 AM	19323	256	1.53	ND	ND	ND	ND	ND	ND	ND	13.2	134
05/17/19 11:00 AM	19390	257	1.54	ND	0.00059	ND	ND	ND	ND	ND	14.4	144
05/17/19 11:30 AM	19401	257	1.59	ND	ND	ND	ND	ND	ND	ND	16.3	154
05/17/19 12:00 PM	19757	257	1.59	ND	ND	ND	ND	ND	ND	ND	14.5	151
05/17/19 12:30 PM	19915	256	1.58	ND	ND	ND	ND	ND	ND	ND	15.7	148
05/17/19 01:00 PM	20201	256	1.56	ND	0.00063	ND	ND	ND	ND	ND	14.8	146
05/17/19 01:30 PM	20221	256	1.55	ND	ND	ND	ND	ND	ND	ND	15.1	139
05/17/19 02:00 PM	20392	255	1.53	ND	ND	ND	ND	ND	ND	ND	16.0	146
05/17/19 02:30 PM	20339	255	1.52	ND	ND	ND	ND	ND	ND	ND	16.3	140
05/17/19 03:00 PM	20114	247	1.50	ND	0.00062	ND	ND	ND	ND	ND	16.3	141
05/17/19 03:30 PM	20573	252	1.52	ND	0.00069	ND	ND	ND	ND	ND	16.5	143
05/17/19 04:00 PM	20464	253	1.52	ND	ND	0.00365	ND	ND	ND	ND	17.0	142
05/17/19 04:30 PM	19839	227	1.45	ND	ND	ND	ND	ND	ND	ND	16.5	139
05/17/19 05:00 PM	20590	253	1.53	ND	ND	ND	ND	ND	ND	ND	17.4	142
05/17/19 05:30 PM	20580	251	1.52	ND	ND	ND	ND	ND	ND	ND	16.5	140
05/17/19 06:00 PM	20500	250	1.52	ND	ND	ND	ND	ND	ND	ND	14.8	135
05/17/19 06:30 PM	20499	249	1.51	ND	ND	ND	ND	ND	ND	ND	14.7	136
05/17/19 07:00 PM	20495	248	1.51	ND	0.00059	ND	ND	ND	ND	ND	14.3	132
05/17/19 07:30 PM	20448	246	1.50	ND	ND	ND	ND	ND	ND	ND	12.7	132
05/17/19 08:00 PM	19590	221	1.43	ND	ND	ND	ND	ND	ND	ND	13.8	135
05/17/19 08:30 PM	20113	234	1.47	ND	ND	ND	ND	ND	ND	ND	14.5	135
05/17/19 09:00 PM	18767	206	1.39	ND	ND	ND	ND	ND	ND	ND	14.3	135
05/17/19 09:30 PM	20430	244	1.49	ND	ND	0.00245	ND	ND	ND	ND	14.7	137
05/17/19 10:00 PM	20332	243	1.50	ND	ND	ND	ND	ND	ND	ND	15.6	138
05/17/19 10:30 PM	19302	219	1.43	ND	0.00082	ND	ND	ND	ND	ND	15.6	138
05/17/19 11:00 PM	20095	239	1.48	ND	ND	ND	ND	ND	ND	ND	18.5	140
05/17/19 11:30 PM	19969	238	1.47	ND	ND	ND	ND	ND	ND	ND	16.9	142
05/18/19 12:00 AM	19977	238	1.48	ND	ND	ND	ND	ND	ND	ND	15.8	142

## Daily Processed Summary (Average, Maximum)

Average	19445	247	1.52	0.00037	0.00011	BDL	0.00020	BDL	BDL	BDL	13.9	143
Maximum Value	20590	257	1.59	0.01755	0.00082	BDL	0.00365	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/18/19 12:30 AM	19847	239	1.48	ND	0.00227	ND	ND	ND	ND	ND	14.6	141
05/18/19 01:00 AM	19853	239	1.47	ND	ND	ND	ND	ND	ND	ND	14.6	146
05/18/19 01:30 AM	19887	239	1.47	ND	ND	ND	ND	ND	ND	ND	15.5	150
05/18/19 02:00 AM	19916	237	1.48	0.01527	ND	ND	ND	ND	ND	ND	19.0	151
05/18/19 02:30 AM	19976	237	1.48	0.00070	ND	ND	ND	ND	ND	ND	18.1	150
05/18/19 03:00 AM	20113	237	1.48	ND	ND	ND	ND	ND	ND	ND	18.0	151
05/18/19 03:30 AM	20178	240	1.50	ND	ND	0.00516	ND	ND	ND	ND	16.5	161
05/18/19 04:00 AM	20144	239	1.49	ND	0.00088	ND	ND	ND	ND	ND	16.9	151
05/18/19 04:30 AM	20125	237	1.49	ND	ND	ND	ND	ND	ND	ND	17.6	149
05/18/19 05:00 AM	20161	240	1.51	ND	ND	ND	ND	ND	ND	ND	15.9	163
05/18/19 05:30 AM	20032	238	1.51	ND	ND	ND	ND	ND	ND	ND	16.9	169
05/18/19 06:00 AM	20031	240	1.52	ND	ND	ND	ND	ND	ND	ND	16.0	163
05/18/19 06:30 AM	20039	240	1.51	ND	ND	ND	ND	ND	ND	ND	16.5	155
05/18/19 07:00 AM	20210	237	1.49	0.00068	ND	ND	ND	ND	ND	ND	15.9	148
05/18/19 07:30 AM	20267	239	1.51	ND	ND	0.00252	ND	ND	ND	ND	15.1	153
05/18/19 08:00 AM	20389	240	1.52	ND	ND	ND	ND	ND	ND	ND	14.3	154
05/18/19 08:30 AM	20337	238	1.48	ND	ND	ND	ND	ND	ND	ND	15.3	149
05/18/19 09:00 AM	20260	237	1.47	ND	ND	ND	ND	ND	ND	ND	17.7	151
05/18/19 09:30 AM	20372	241	1.51	ND	ND	ND	ND	ND	ND	ND	16.2	153
05/18/19 10:00 AM	20191	239	1.48	ND	ND	ND	ND	ND	ND	ND	19.0	149
05/18/19 10:30 AM	20457	244	1.53	ND	ND	ND	ND	ND	ND	ND	20.4	154
05/18/19 11:00 AM	20695	249	1.55	ND	0.00068	ND	ND	ND	ND	ND	22.2	152
05/18/19 11:30 AM	20615	247	1.52	ND	ND	ND	ND	ND	ND	ND	23.1	150
05/18/19 12:00 PM	20831	249	1.55	ND	ND	ND	ND	ND	ND	ND	21.6	155
05/18/19 12:30 PM	20771	249	1.55	ND	ND	ND	ND	ND	ND	ND	20.2	156
05/18/19 01:00 PM	20978	249	1.56	ND	0.00157	ND	ND	ND	ND	ND	18.7	156
05/18/19 01:30 PM	21018	248	1.56	ND	ND	ND	ND	ND	ND	ND	16.8	156
05/18/19 02:00 PM	20898	245	1.52	ND	ND	ND	ND	ND	ND	ND	17.3	153
05/18/19 02:30 PM	20901	245	1.54	ND	0.00241	ND	ND	ND	ND	ND	18.6	156
05/18/19 03:00 PM	21078	247	1.54	ND	ND	ND	ND	ND	ND	ND	19.9	158
05/18/19 03:30 PM	21364	250	1.55	ND	ND	ND	ND	ND	ND	ND	20.0	158
05/18/19 04:00 PM	21222	251	1.56	ND	ND	ND	ND	ND	ND	ND	19.5	157
05/18/19 04:30 PM	21434	249	1.56	ND	ND	ND	ND	ND	ND	ND	18.9	151
05/18/19 05:00 PM	21495	247	1.56	ND	ND	ND	ND	ND	ND	ND	20.6	158
05/18/19 05:30 PM	21387	246	1.55	ND	ND	ND	ND	ND	ND	ND	19.3	160
05/18/19 06:00 PM	21353	243	1.52	ND	ND	ND	ND	ND	ND	ND	17.9	150
05/18/19 06:30 PM	21308	239	1.50	ND	ND	ND	ND	ND	ND	ND	16.2	147
05/18/19 07:00 PM	21285	237	1.49	ND	ND	ND	ND	ND	ND	ND	18.0	151
05/18/19 07:30 PM	21356	236	1.51	ND	ND	ND	ND	ND	ND	ND	17.7	151
05/18/19 08:00 PM	21533	235	1.52	ND	ND	ND	ND	ND	ND	ND	17.8	153
05/18/19 08:30 PM	21474	233	1.51	ND	ND	ND	ND	ND	ND	ND	18.0	167
05/18/19 09:00 PM	21481	234	1.50	ND	ND	ND	ND	ND	ND	ND	14.3	171
05/18/19 09:30 PM	21227	235	1.47	ND	ND	ND	ND	ND	ND	ND	12.8	177
05/18/19 10:00 PM	21205	234	1.48	ND	ND	ND	ND	ND	ND	ND	14.2	173
05/18/19 10:30 PM	21205	233	1.48	ND	0.00116	ND	ND	ND	ND	ND	13.9	170
05/18/19 11:00 PM	21180	233	1.48	ND	ND	ND	ND	ND	ND	ND	16.0	167
05/18/19 11:30 PM	20989	231	1.47	ND	ND	ND	ND	ND	ND	ND	14.3	175
05/19/19 12:00 AM	21024	232	1.46	ND	ND	ND	ND	ND	ND	ND	13.3	178

Daily Processed Summary (Average, Maximum)

Average	20710	241	1.51	0.00032	0.00022	BDL	0.00016	BDL	BDL	BDL	17.2	156
Maximum Value	21533	251	1.56	0.01527	0.00241	BDL	0.00516	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

## Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/19/19 12:30 AM	20977	232	1.45	ND	ND	ND	ND	ND	ND	ND	12.6	180
05/19/19 01:00 AM	20985	232	1.46	ND	ND	ND	ND	ND	ND	ND	14.1	178
05/19/19 01:30 AM	20972	234	1.46	ND	0.00088	ND	0.00218	ND	ND	ND	13.1	181
05/19/19 02:00 AM	21039	233	1.47	ND	ND	ND	ND	ND	ND	ND	15.2	176
05/19/19 02:30 AM	21085	232	1.46	ND	ND	ND	ND	ND	ND	ND	16.0	176
05/19/19 03:00 AM	21027	232	1.46	ND	ND	ND	ND	ND	ND	ND	12.9	174
05/19/19 03:30 AM	21043	233	1.46	ND	ND	ND	ND	ND	ND	ND	11.6	180
05/19/19 04:00 AM	21043	233	1.47	ND	ND	ND	ND	ND	ND	ND	8.6	180
05/19/19 04:30 AM	21062	234	1.48	ND	ND	ND	ND	ND	ND	ND	9.2	179
05/19/19 05:00 AM	21069	236	1.47	ND	ND	ND	ND	ND	ND	ND	8.5	178
05/19/19 05:30 AM	21017	238	1.49	ND	ND	ND	ND	ND	ND	ND	9.5	175
05/19/19 06:00 AM	20878	237	1.48	ND	ND	ND	ND	ND	ND	ND	10.0	176
05/19/19 06:30 AM	20881	236	1.49	ND	ND	ND	ND	ND	ND	ND	11.5	174
05/19/19 07:00 AM	20822	235	1.48	ND	ND	ND	ND	ND	ND	ND	11.1	177
05/19/19 07:30 AM	20955	236	1.49	ND	ND	ND	ND	ND	ND	ND	10.1	177
05/19/19 08:00 AM	21096	239	1.50	ND	ND	ND	ND	ND	ND	ND	8.6	181
05/19/19 08:30 AM	20944	243	1.50	ND	ND	ND	ND	ND	ND	ND	10.5	177
05/19/19 09:00 AM	20779	246	1.50	ND	ND	ND	ND	ND	ND	ND	10.0	184
05/19/19 09:30 AM	20834	248	1.50	ND	ND	ND	ND	ND	ND	ND	8.9	188
05/19/19 10:00 AM	20784	249	1.51	ND	ND	ND	ND	ND	ND	ND	8.9	187
05/19/19 10:30 AM	21085	250	1.52	ND	ND	ND	ND	ND	ND	ND	9.4	173
05/19/19 11:00 AM	21467	250	1.52	ND	ND	ND	ND	ND	ND	ND	10.2	160
05/19/19 11:30 AM	21318	250	1.52	ND	ND	ND	ND	ND	ND	ND	10.8	150
05/19/19 12:00 PM	21165	246	1.50	ND	ND	ND	ND	ND	ND	ND	14.7	152
05/19/19 12:30 PM	21080	246	1.52	ND	ND	ND	ND	ND	ND	ND	15.1	151
05/19/19 01:00 PM	21151	248	1.52	ND	ND	ND	ND	ND	ND	ND	14.1	165
05/19/19 01:30 PM	20817	250	1.51	ND	ND	ND	ND	ND	ND	ND	11.7	154
05/19/19 02:00 PM	20498	250	1.51	ND	0.00069	ND	ND	ND	ND	ND	10.6	148
05/19/19 02:30 PM	20033	254	1.52	ND	ND	ND	ND	ND	ND	ND	8.3	162
05/19/19 03:00 PM	20276	258	1.53	ND	ND	ND	ND	ND	ND	ND	8.5	134
05/19/19 03:30 PM	20602	256	1.51	ND	ND	ND	ND	ND	ND	ND	10.2	134
05/19/19 04:00 PM	20766	253	1.52	ND	ND	ND	ND	ND	0.00158	ND	12.5	135
05/19/19 04:30 PM	20687	253	1.51	ND	ND	ND	ND	ND	ND	ND	12.3	130
05/19/19 05:00 PM	20461	254	1.52	ND	ND	ND	ND	ND	ND	ND	11.2	132
05/19/19 05:30 PM	20814	253	1.51	ND	0.00246	ND	ND	ND	ND	ND	11.0	127
05/19/19 06:00 PM	21106	251	1.52	ND	0.00056	ND	ND	ND	ND	ND	11.3	121
05/19/19 06:30 PM	21233	249	1.51	ND	0.00056	ND	ND	ND	ND	ND	11.2	122
05/19/19 07:00 PM	21291	248	1.51	ND	ND	ND	ND	ND	ND	ND	10.0	122
05/19/19 07:30 PM	21519	246	1.50	ND	ND	ND	ND	ND	ND	ND	10.4	126
05/19/19 08:00 PM	21537	244	1.50	ND	ND	ND	ND	ND	ND	ND	11.3	124
05/19/19 08:30 PM	21467	242	1.49	ND	ND	ND	ND	ND	ND	ND	10.6	118
05/19/19 09:00 PM	21496	240	1.50	ND	ND	ND	ND	ND	ND	ND	10.0	123
05/19/19 09:30 PM	21600	239	1.49	ND	ND	ND	ND	ND	ND	ND	9.9	122
05/19/19 10:00 PM	21595	238	1.48	ND	ND	ND	ND	ND	ND	ND	11.3	123
05/19/19 10:30 PM	21569	237	1.48	ND	ND	ND	ND	ND	ND	ND	10.4	130
05/19/19 11:00 PM	21461	236	1.47	ND	ND	ND	ND	ND	ND	ND	11.7	129
05/19/19 11:30 PM	21469	236	1.47	ND	ND	ND	ND	ND	ND	ND	11.8	130
05/20/19 12:00 AM	21376	233	1.47	ND	ND	ND	ND	ND	ND	ND	12.5	134

## Daily Processed Summary (Average, Maximum)

Average	21046	243	1.49	BDL	0.00011	BDL	0.00005	BDL	0.00003	BDL	10.2	154
Maximum Value	21600	258	1.53	BDL	0.00246	BDL	0.00218	BDL	0.00158	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/20/19 12:30 AM	21203	229	1.46	ND	ND	ND	ND	ND	ND	ND	12.1	137
05/20/19 01:00 AM	21086	229	1.45	ND	ND	ND	ND	ND	ND	ND	12.2	133
05/20/19 01:30 AM	21047	228	1.45	ND	ND	ND	ND	ND	ND	ND	10.9	135
05/20/19 02:00 AM	21055	227	1.45	ND	ND	ND	ND	ND	ND	ND	13.2	143
05/20/19 02:30 AM	21008	226	1.44	ND	ND	ND	ND	ND	ND	ND	12.1	144
05/20/19 03:00 AM	20967	228	1.46	ND	ND	ND	0.00664	ND	ND	ND	11.4	142
05/20/19 03:30 AM	20819	227	1.45	ND	0.00081	ND	ND	ND	ND	ND	12.7	139
05/20/19 04:00 AM	20746	225	1.44	ND	ND	ND	ND	ND	ND	ND	15.2	149
05/20/19 04:30 AM	20697	225	1.44	ND	ND	ND	ND	0.00217	ND	ND	15.2	150
05/20/19 05:00 AM	20644	226	1.45	ND	0.00104	ND	ND	ND	ND	ND	13.2	147
05/20/19 05:30 AM	20554	227	1.45	ND	ND	ND	ND	ND	ND	ND	14.8	149
05/20/19 06:00 AM	20486	225	1.45	ND	ND	ND	ND	ND	ND	ND	15.9	148
05/20/19 06:30 AM	20304	226	1.44	ND	ND	ND	ND	ND	ND	ND	13.6	147
05/20/19 07:00 AM	20244	228	1.45	ND	ND	ND	ND	ND	ND	ND	14.0	146
05/20/19 07:30 AM	19952	229	1.45	ND	ND	ND	ND	ND	ND	ND	13.2	145
05/20/19 08:00 AM	19948	230	1.46	ND	ND	ND	ND	ND	ND	ND	15.1	148
05/20/19 08:30 AM	19952	232	1.47	ND	ND	ND	ND	ND	ND	ND	16.1	149
05/20/19 09:00 AM	19878	233	1.47	ND	ND	ND	ND	ND	ND	ND	18.0	149
05/20/19 09:30 AM	20197	234	1.47	ND	ND	ND	ND	ND	ND	ND	16.0	147
05/20/19 10:00 AM	20326	236	1.49	ND	ND	ND	ND	ND	ND	ND	17.8	144
05/20/19 10:30 AM	20299	237	1.48	ND	ND	ND	ND	0.00652	ND	ND	18.7	147
05/20/19 11:00 AM	20273	238	1.49	ND	ND	ND	ND	ND	ND	ND	19.3	155
05/20/19 11:30 AM	20144	238	1.49	ND	ND	ND	ND	ND	ND	ND	20.3	154
05/20/19 12:00 PM	20167	239	1.51	ND	ND	ND	ND	ND	0.00206	ND	21.0	158
05/20/19 12:30 PM	20253	240	1.51	ND	ND	ND	ND	ND	ND	ND	20.7	161
05/20/19 01:00 PM	20340	241	1.51	ND	ND	ND	ND	ND	ND	ND	20.9	152
05/20/19 01:30 PM	20263	241	1.51	ND	ND	ND	ND	ND	ND	ND	22.1	155
05/20/19 02:00 PM	20202	240	1.53	ND	ND	ND	ND	0.00550	ND	ND	22.5	152
05/20/19 02:30 PM	20176	240	1.52	ND	ND	ND	ND	ND	ND	ND	21.7	155
05/20/19 03:00 PM	20124	240	1.51	ND	ND	ND	ND	ND	ND	ND	21.2	153
05/20/19 03:30 PM	20355	239	1.50	ND	ND	ND	ND	ND	ND	ND	21.4	152
05/20/19 04:00 PM	20467	238	1.51	ND	ND	ND	ND	ND	ND	ND	21.5	154
05/20/19 04:30 PM	20600	237	1.50	ND	ND	ND	ND	ND	ND	ND	22.5	151
05/20/19 05:00 PM	20585	235	1.49	ND	ND	ND	ND	ND	ND	ND	21.4	151
05/20/19 05:30 PM	20574	234	1.49	ND	ND	ND	ND	ND	ND	ND	21.4	151
05/20/19 06:00 PM	20590	230	1.47	ND	ND	ND	ND	ND	ND	ND	20.1	150
05/20/19 06:30 PM	20595	229	1.47	ND	0.00092	ND	ND	ND	ND	ND	20.7	150
05/20/19 07:00 PM	20556	227	1.47	ND	ND	ND	ND	ND	ND	ND	20.2	150
05/20/19 07:30 PM	20569	225	1.47	ND	ND	ND	ND	ND	ND	ND	21.9	151
05/20/19 08:00 PM	20527	222	1.46	ND	ND	ND	ND	ND	ND	ND	20.5	155
05/20/19 08:30 PM	20537	221	1.47	ND	ND	ND	ND	ND	ND	ND	21.8	155
05/20/19 09:00 PM	20366	221	1.48	ND	ND	ND	ND	ND	ND	ND	22.6	154
05/20/19 09:30 PM	20199	222	1.66	ND	ND	ND	ND	ND	ND	ND	23.6	155
05/20/19 10:00 PM	20006	222	1.56	ND	ND	ND	ND	ND	ND	ND	24.1	154
05/20/19 10:30 PM	19862	221	1.49	ND	ND	ND	ND	ND	ND	ND	24.6	154
05/20/19 11:00 PM	19785	218	1.54	ND	ND	ND	ND	ND	ND	ND	24.6	154
05/20/19 11:30 PM	19813	217	1.54	ND	ND	ND	ND	ND	ND	ND	24.6	154
05/21/19 12:00 AM	19607	217	1.47	ND	ND	ND	ND	ND	ND	ND	24.6	152

Daily Processed Summary (Average, Maximum)

Average	20395	230	1.48	BDL	0.00006	BDL	0.00014	0.00025	0.00009	BDL	18.4	150
Maximum Value	21203	241	1.66	BDL	0.00104	BDL	0.00664	0.00652	0.00217	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/21/19 12:30 AM	19414	218	1.46	ND	ND	ND	ND	ND	ND	ND	23.7	153
05/21/19 01:00 AM	19300	218	1.46	ND	ND	ND	ND	ND	ND	ND	22.9	163
05/21/19 01:30 AM	19041	217	1.43	ND	ND	ND	0.00289	ND	ND	ND	24.5	167
05/21/19 02:00 AM	19062	215	1.41	ND	0.00206	ND	ND	ND	ND	ND	23.1	172
05/21/19 02:30 AM	19244	214	1.42	ND	ND	ND	ND	ND	ND	ND	22.4	171
05/21/19 03:00 AM	19215	214	1.42	ND	0.00097	ND	ND	ND	ND	ND	23.8	169
05/21/19 03:30 AM	19147	215	1.42	ND	ND	ND	ND	ND	ND	ND	23.4	169
05/21/19 04:00 AM	18871	215	1.41	ND	ND	ND	ND	ND	ND	ND	24.7	171
05/21/19 04:30 AM	18747	214	1.40	ND	0.00124	ND	ND	ND	ND	ND	22.2	178
05/21/19 05:00 AM	18573	214	1.40	ND	ND	ND	ND	ND	ND	ND	24.0	174
05/21/19 05:30 AM	18657	214	1.41	ND	ND	ND	ND	ND	ND	ND	23.0	169
05/21/19 06:00 AM	18779	216	1.44	ND	ND	ND	ND	ND	ND	ND	23.7	166
05/21/19 06:30 AM	18597	215	1.40	ND	ND	ND	ND	ND	ND	ND	21.1	175
05/21/19 07:00 AM	18631	215	1.41	ND	ND	ND	ND	ND	ND	ND	21.6	175
05/21/19 07:30 AM	18816	217	1.43	ND	ND	ND	ND	ND	ND	ND	23.5	163
05/21/19 08:00 AM	18909	217	1.42	ND	0.00105	ND	ND	ND	ND	ND	21.9	171
05/21/19 08:30 AM	18740	216	1.41	ND	0.00085	ND	0.00316	ND	ND	ND	20.2	180
05/21/19 09:00 AM	18641	218	1.42	ND	ND	ND	ND	ND	ND	ND	22.1	175
05/21/19 09:30 AM	18915	220	1.43	ND	ND	ND	ND	ND	ND	ND	22.5	175
05/21/19 10:00 AM	18998	220	1.43	ND	ND	ND	ND	ND	ND	ND	21.4	179
05/21/19 10:30 AM	19240	222	1.43	ND	ND	ND	ND	ND	ND	ND	18.5	178
05/21/19 11:00 AM	19280	223	1.43	ND	ND	ND	ND	ND	ND	ND	13.5	191
05/21/19 11:30 AM	19380	223	1.43	ND	ND	ND	ND	ND	ND	ND	10.6	194
05/21/19 12:00 PM	19407	223	1.44	ND	0.00143	ND	ND	ND	ND	ND	13.0	188
05/21/19 12:30 PM	19720	225	1.45	ND	ND	ND	ND	ND	ND	ND	16.0	177
05/21/19 01:00 PM	20129	225	1.45	ND	0.00194	ND	ND	ND	ND	ND	18.6	175
05/21/19 01:30 PM	20290	227	1.45	ND	ND	ND	ND	ND	ND	ND	19.8	170
05/21/19 02:00 PM	20107	228	1.45	ND	0.00329	ND	ND	ND	ND	ND	18.8	178
05/21/19 02:30 PM	20094	229	1.45	ND	ND	ND	ND	ND	ND	ND	19.2	174
05/21/19 03:00 PM	20128	227	1.44	ND	ND	ND	ND	ND	ND	ND	17.7	175
05/21/19 03:30 PM	20590	229	1.46	ND	ND	ND	ND	ND	ND	ND	17.3	169
05/21/19 04:00 PM	20518	228	1.46	ND	ND	ND	ND	ND	ND	ND	17.1	170
05/21/19 04:30 PM	20742	227	1.45	ND	ND	ND	ND	ND	ND	ND	18.1	168
05/21/19 05:00 PM	20848	228	1.47	ND	ND	ND	ND	ND	ND	ND	18.8	161
05/21/19 05:30 PM	20887	227	1.46	ND	ND	ND	ND	ND	ND	ND	16.4	174
05/21/19 06:00 PM	20763	225	1.45	ND	ND	ND	ND	ND	ND	ND	16.0	179
05/21/19 06:30 PM	20905	227	1.45	ND	ND	ND	ND	ND	ND	ND	15.8	174
05/21/19 07:00 PM	20946	227	1.45	ND	ND	ND	ND	ND	ND	ND	15.2	177
05/21/19 07:30 PM	20877	226	1.45	ND	ND	ND	ND	ND	ND	ND	14.6	178
05/21/19 08:00 PM	20875	226	1.45	ND	ND	ND	ND	ND	ND	ND	12.5	180
05/21/19 08:30 PM	20916	223	1.45	ND	ND	ND	ND	ND	ND	ND	13.6	170
05/21/19 09:00 PM	20907	220	1.46	ND	ND	ND	ND	ND	ND	ND	13.6	163
05/21/19 09:30 PM	20890	216	1.44	ND	ND	ND	ND	ND	ND	ND	14.6	164
05/21/19 10:00 PM	21061	214	1.44	ND	ND	ND	ND	ND	ND	ND	12.6	164
05/21/19 10:30 PM	20995	212	1.43	ND	ND	ND	ND	ND	ND	ND	14.9	168
05/21/19 11:00 PM	20848	211	1.43	ND	ND	ND	ND	ND	ND	ND	16.6	164
05/21/19 11:30 PM	20738	209	1.43	ND	0.00120	ND	ND	ND	ND	ND	17.2	166
05/22/19 12:00 AM	20531	209	1.42	ND	ND	ND	ND	ND	ND	ND	16.8	175

## Daily Processed Summary (Average, Maximum)

Average	19811	220	1.44	BDL	0.00029	BDL	0.00013	BDL	BDL	BDL	18.7	172
Maximum Value	21061	229	1.47	BDL	0.00329	BDL	0.00316	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/22/19 12:30 AM	20424	209	1.41	ND	ND	ND	ND	ND	ND	ND	17.0	174
05/22/19 01:00 AM	20217	207	1.39	ND	0.00131	ND	ND	ND	ND	ND	18.4	174
05/22/19 01:30 AM	20106	208	1.40	ND	ND	ND	ND	ND	ND	ND	18.0	175
05/22/19 02:00 AM	19960	208	1.41	ND	ND	ND	ND	ND	ND	ND	18.2	173
05/22/19 02:30 AM	19772	210	1.40	ND	ND	ND	ND	ND	ND	ND	16.8	174
05/22/19 03:00 AM	19746	213	1.40	ND	ND	ND	ND	ND	ND	ND	14.9	178
05/22/19 03:30 AM	19783	213	1.41	ND	ND	ND	ND	ND	ND	ND	15.4	175
05/22/19 04:00 AM	19822	212	1.41	ND	ND	ND	ND	ND	ND	ND	15.9	169
05/22/19 04:30 AM	19873	211	1.41	ND	0.00172	ND	ND	ND	ND	ND	16.4	165
05/22/19 05:00 AM	19711	210	1.41	ND	0.00180	ND	ND	ND	ND	ND	17.0	166
05/22/19 05:30 AM	19598	211	1.43	ND	ND	ND	ND	ND	ND	ND	17.4	165
05/22/19 06:00 AM	19378	211	1.43	ND	ND	ND	ND	ND	ND	ND	16.2	150
05/22/19 06:30 AM	19210	210	1.40	ND	ND	ND	ND	ND	ND	ND	16.7	148
05/22/19 07:00 AM	19139	212	1.44	ND	ND	ND	ND	ND	ND	ND	17.1	154
05/22/19 07:30 AM	19252	214	1.45	ND	ND	ND	ND	ND	ND	ND	16.8	154
05/22/19 08:00 AM	18983	214	1.43	ND	ND	ND	ND	ND	ND	ND	20.2	149
05/22/19 08:30 AM	19094	216	1.44	ND	ND	ND	ND	ND	ND	ND	19.6	151
05/22/19 09:00 AM	19004	219	1.45	ND	ND	ND	ND	ND	ND	ND	20.4	157
05/22/19 09:30 AM	19141	220	1.46	ND	ND	ND	ND	ND	ND	ND	19.7	161
05/22/19 10:00 AM	19242	223	1.48	ND	ND	ND	ND	ND	ND	ND	20.8	157
05/22/19 10:30 AM	19230	225	1.47	ND	ND	ND	ND	ND	ND	ND	19.9	157
05/22/19 11:00 AM	19721	225	1.46	ND	ND	ND	ND	ND	ND	ND	20.2	151
05/22/19 11:30 AM	19538	224	1.45	ND	ND	ND	ND	ND	ND	ND	20.9	152
05/22/19 12:00 PM	19570	223	1.43	ND	ND	ND	ND	ND	ND	ND	23.1	149
05/22/19 12:30 PM	19658	223	1.45	ND	ND	ND	ND	ND	ND	ND	21.7	151
05/22/19 01:00 PM	19900	222	1.45	ND	ND	ND	ND	ND	ND	ND	21.1	151
05/22/19 01:30 PM	20400	222	1.46	ND	ND	ND	ND	ND	ND	ND	20.0	149
05/22/19 02:00 PM	20625	221	1.46	ND	ND	ND	ND	ND	ND	ND	20.2	151
05/22/19 02:30 PM	20638	220	1.44	ND	ND	ND	ND	ND	ND	ND	20.9	146
05/22/19 03:00 PM	20655	219	1.43	ND	ND	ND	ND	ND	ND	ND	22.1	146
05/22/19 03:30 PM	20907	219	1.43	ND	ND	ND	ND	ND	ND	ND	20.7	148
05/22/19 04:00 PM	20975	219	1.43	ND	ND	ND	0.00259	ND	ND	ND	21.2	150
05/22/19 04:30 PM	21028	218	1.40	ND	ND	ND	ND	ND	ND	ND	21.2	149
05/22/19 05:00 PM	20796	216	1.43	ND	ND	ND	ND	ND	ND	ND	22.4	154
05/22/19 05:30 PM	20719	214	1.42	ND	ND	ND	ND	ND	ND	ND	20.6	148
05/22/19 06:00 PM	20707	212	1.40	ND	ND	ND	ND	ND	ND	ND	18.7	145
05/22/19 06:30 PM	20532	210	1.41	ND	ND	ND	ND	ND	ND	ND	20.9	148
05/22/19 07:00 PM	20298	207	1.40	ND	ND	ND	ND	ND	ND	ND	19.4	149
05/22/19 07:30 PM	20097	205	1.39	ND	ND	ND	ND	ND	ND	ND	19.2	148
05/22/19 08:00 PM	19994	204	1.39	ND	ND	ND	0.00326	ND	ND	ND	19.7	150
05/22/19 08:30 PM	19822	202	1.38	ND	0.00148	ND	ND	ND	ND	ND	18.6	148
05/22/19 09:00 PM	19760	202	1.38	ND	ND	ND	ND	ND	ND	ND	17.0	149
05/22/19 09:30 PM	19673	200	1.37	ND	ND	ND	ND	ND	ND	ND	19.1	149
05/22/19 10:00 PM	19604	201	1.38	ND	ND	ND	ND	ND	ND	ND	20.4	150
05/22/19 10:30 PM	19392	200	1.38	ND	ND	ND	ND	ND	ND	ND	18.7	150
05/22/19 11:00 PM	19173	201	1.37	ND	ND	ND	0.00350	ND	ND	ND	21.1	149
05/22/19 11:30 PM	19052	201	1.37	ND	ND	ND	ND	ND	ND	ND	19.6	145
05/23/19 12:00 AM	18893	201	1.38	ND	0.00143	ND	ND	ND	ND	ND	20.9	149

Daily Processed Summary (Average, Maximum)

Average	19850	213	1.42	BDL	0.00016	BDL	0.00019	BDL	BDL	BDL	19.0	154
Maximum Value	21028	225	1.48	BDL	0.00180	BDL	0.00350	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/23/19 12:30 AM	18768	201	1.39	ND	ND	ND	ND	ND	ND	ND	21.5	151
05/23/19 01:00 AM	18803	201	1.41	ND	ND	ND	ND	ND	ND	ND	20.8	152
05/23/19 01:30 AM	18707	202	1.41	ND	ND	ND	ND	ND	ND	ND	20.1	153
05/23/19 02:00 AM	18466	201	1.41	ND	ND	ND	ND	ND	ND	ND	21.7	151
05/23/19 02:30 AM	18439	202	1.40	ND	ND	ND	ND	ND	ND	ND	21.9	152
05/23/19 03:00 AM	18403	202	1.39	ND	ND	ND	ND	ND	ND	ND	20.8	152
05/23/19 03:30 AM	18257	201	1.38	ND	ND	ND	ND	ND	ND	ND	22.0	151
05/23/19 04:00 AM	18323	200	1.38	ND	ND	ND	ND	ND	ND	ND	21.4	150
05/23/19 04:30 AM	18338	201	1.40	ND	ND	ND	ND	ND	ND	ND	20.1	152
05/23/19 05:00 AM	18153	201	1.39	ND	0.00129	ND	ND	ND	ND	ND	21.4	153
05/23/19 05:30 AM	18212	200	1.39	ND	0.00137	ND	ND	ND	ND	ND	20.1	151
05/23/19 06:00 AM	17956	201	1.40	ND	ND	ND	ND	ND	ND	ND	20.9	151
05/23/19 06:30 AM	17984	200	1.38	ND	0.00117	ND	ND	ND	ND	ND	19.8	149
05/23/19 07:00 AM	17990	199	1.37	ND	ND	ND	ND	ND	ND	ND	18.1	149
05/23/19 07:30 AM	17975	201	1.38	ND	ND	ND	ND	ND	ND	ND	19.1	149
05/23/19 08:00 AM	18171	200	1.37	ND	ND	ND	ND	ND	ND	ND	18.6	149
05/23/19 08:30 AM	18320	203	1.38	ND	0.00118	ND	ND	ND	ND	ND	17.6	149
05/23/19 09:00 AM	18625	205	1.41	ND	ND	ND	ND	ND	ND	ND	18.1	153
05/23/19 09:30 AM	18659	205	1.41	ND	ND	ND	ND	ND	ND	ND	18.9	167
05/23/19 10:00 AM	18741	204	1.40	ND	ND	ND	ND	ND	ND	0.00237	18.3	165
05/23/19 10:30 AM	18892	204	1.41	ND	ND	ND	ND	ND	ND	ND	16.9	155
05/23/19 11:00 AM	19285	204	1.43	ND	ND	ND	ND	ND	ND	ND	17.1	151
05/23/19 11:30 AM	19607	211	1.42	ND	ND	ND	ND	ND	ND	ND	16.2	145
05/23/19 12:00 PM	19655	210	1.41	ND	ND	ND	ND	ND	ND	ND	15.3	142
05/23/19 12:30 PM	19757	209	1.42	ND	ND	ND	ND	ND	ND	ND	15.6	142
05/23/19 01:00 PM	19889	211	1.43	ND	ND	ND	ND	ND	ND	ND	15.4	142
05/23/19 01:30 PM	19753	208	1.42	ND	ND	ND	ND	ND	ND	ND	17.1	139
05/23/19 02:00 PM	19960	209	1.40	ND	ND	ND	ND	ND	ND	ND	16.0	139
05/23/19 02:30 PM	19918	213	1.40	ND	ND	ND	ND	ND	ND	ND	16.7	137
05/23/19 03:00 PM	21069	230	1.47	ND	ND	ND	ND	ND	ND	ND	17.6	136
05/23/19 03:30 PM	21184	235	1.47	ND	ND	ND	ND	ND	ND	ND	18.4	139
05/23/19 04:00 PM	21096	236	1.47	ND	ND	ND	ND	ND	0.00170	ND	18.8	139
05/23/19 04:30 PM	21022	235	1.48	ND	ND	ND	ND	ND	ND	ND	16.9	141
05/23/19 05:00 PM	21088	234	1.47	ND	ND	ND	ND	ND	ND	ND	18.7	140
05/23/19 05:30 PM	21015	234	1.47	ND	ND	ND	ND	ND	ND	ND	17.7	135
05/23/19 06:00 PM	20807	231	1.46	ND	ND	ND	ND	ND	ND	ND	15.7	133
05/23/19 06:30 PM	20804	229	1.46	ND	ND	ND	ND	ND	ND	ND	14.9	134
05/23/19 07:00 PM	20746	228	1.46	ND	0.00085	ND	0.00255	ND	ND	ND	15.0	134
05/23/19 07:30 PM	20539	225	1.46	ND	ND	ND	ND	ND	ND	ND	15.2	135
05/23/19 08:00 PM	20236	222	1.44	ND	0.00130	ND	ND	ND	ND	ND	14.1	137
05/23/19 08:30 PM	20195	223	1.44	ND	0.00221	ND	ND	ND	ND	ND	15.8	139
05/23/19 09:00 PM	20125	222	1.43	ND	ND	ND	ND	ND	ND	ND	16.9	140
05/23/19 09:30 PM	19853	220	1.43	ND	0.00125	ND	ND	ND	ND	ND	15.2	139
05/23/19 10:00 PM	19834	221	1.43	ND	ND	ND	ND	ND	ND	ND	16.2	139
05/23/19 10:30 PM	19731	221	1.42	ND	0.00086	ND	ND	ND	ND	ND	17.4	140
05/23/19 11:00 PM	19680	219	1.42	ND	ND	ND	ND	ND	ND	ND	16.2	139
05/23/19 11:30 PM	19641	219	1.43	ND	ND	ND	ND	ND	ND	ND	17.4	140
05/24/19 12:00 AM	19575	218	1.41	ND	ND	ND	ND	ND	ND	ND	16.2	140

Daily Processed Summary (Average, Maximum)

Average	19422	213	1.42	BDL	0.00024	BDL	0.00005	BDL	0.00008	BDL	17.8	146
Maximum Value	21184	236	1.48	BDL	0.00221	BDL	0.00255	BDL	0.00237	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/24/19 12:30 AM	19533	218	1.42	ND	ND	ND	ND	ND	ND	ND	16.9	139
05/24/19 01:00 AM	19425	217	1.42	ND	ND	ND	ND	ND	ND	ND	17.6	141
05/24/19 01:30 AM	19416	217	1.42	ND	ND	ND	ND	ND	ND	ND	16.7	141
05/24/19 02:00 AM	19272	217	1.42	ND	ND	ND	ND	ND	ND	ND	17.4	142
05/24/19 02:30 AM	19158	218	1.42	ND	ND	ND	ND	ND	ND	ND	17.1	141
05/24/19 03:00 AM	18984	218	1.43	ND	ND	ND	ND	ND	ND	ND	17.5	140
05/24/19 03:30 AM	18976	218	1.42	ND	0.00223	ND	ND	ND	ND	ND	15.2	139
05/24/19 04:00 AM	18819	219	1.43	ND	ND	ND	ND	ND	ND	ND	15.0	137
05/24/19 04:30 AM	18694	220	1.43	ND	0.00106	ND	ND	ND	ND	ND	15.1	136
05/24/19 05:00 AM	18743	219	1.43	ND	ND	ND	ND	ND	ND	ND	15.2	136
05/24/19 05:30 AM	18993	219	1.46	ND	0.00258	ND	ND	ND	ND	ND	12.8	155
05/24/19 06:00 AM	19048	220	1.45	ND	0.00133	ND	ND	ND	ND	ND	14.3	148
05/24/19 06:30 AM	18904	218	1.44	ND	ND	ND	ND	ND	ND	ND	14.9	145
05/24/19 07:00 AM	18867	219	1.45	ND	0.00096	ND	ND	ND	ND	ND	14.9	145
05/24/19 07:30 AM	18795	221	1.44	ND	ND	ND	ND	ND	ND	ND	14.1	144
05/24/19 08:00 AM	18784	224	1.46	ND	0.00105	ND	ND	ND	ND	ND	13.4	147
05/24/19 08:30 AM	19013	228	1.47	ND	ND	ND	ND	ND	ND	ND	14.9	146
05/24/19 09:00 AM	19077	232	1.53	ND	ND	ND	ND	ND	ND	ND	15.8	155
05/24/19 09:30 AM	19017	233	1.52	ND	ND	ND	ND	ND	ND	ND	16.8	156
05/24/19 10:00 AM	19104	233	1.50	ND	ND	ND	ND	ND	ND	ND	15.3	153
05/24/19 10:30 AM	19278	233	1.52	ND	ND	ND	ND	ND	ND	ND	15.7	154
05/24/19 11:00 AM	19114	235	1.50	ND	ND	ND	ND	ND	ND	ND	17.1	154
05/24/19 11:30 AM	19141	234	1.49	ND	ND	ND	ND	ND	0.00169	ND	16.5	152
05/24/19 12:00 PM	18920	234	1.48	ND	ND	ND	ND	ND	ND	ND	16.3	148
05/24/19 12:30 PM	18356	235	1.49	ND	ND	ND	ND	ND	ND	ND	17.4	146
05/24/19 01:00 PM	18380	236	1.50	ND	ND	ND	ND	ND	ND	ND	17.1	145
05/24/19 01:30 PM	18571	236	1.49	ND	ND	ND	ND	ND	ND	ND	16.8	145
05/24/19 02:00 PM	18315	236	1.49	ND	ND	ND	ND	ND	ND	ND	16.7	148
05/24/19 02:30 PM	18229	238	1.51	ND	ND	ND	ND	ND	ND	ND	16.2	147
05/24/19 03:00 PM	18128	238	1.49	ND	ND	ND	ND	ND	ND	ND	16.3	140
05/24/19 03:30 PM	17813	238	1.49	ND	ND	ND	ND	ND	ND	ND	16.1	141
05/24/19 04:00 PM	17888	239	1.49	ND	ND	ND	ND	ND	ND	ND	16.0	139
05/24/19 04:30 PM	17839	239	1.50	ND	ND	ND	ND	ND	ND	ND	15.2	133
05/24/19 05:00 PM	18076	240	1.50	ND	ND	ND	ND	ND	ND	ND	14.4	125
05/24/19 05:30 PM	18181	238	1.49	ND	ND	ND	ND	ND	ND	ND	15.2	130
05/24/19 06:00 PM	18163	236	1.49	ND	0.00135	ND	ND	ND	ND	ND	16.3	133
05/24/19 06:30 PM	17786	236	1.49	ND	ND	ND	ND	ND	ND	ND	15.2	139
05/24/19 07:00 PM	17901	234	1.48	ND	ND	ND	ND	ND	ND	ND	14.6	135
05/24/19 07:30 PM	18181	231	1.48	ND	ND	ND	ND	ND	ND	ND	12.6	130
05/24/19 08:00 PM	18075	229	1.48	ND	ND	ND	ND	ND	ND	ND	11.9	131
05/24/19 08:30 PM	17908	227	1.47	ND	ND	ND	ND	ND	ND	ND	13.2	136
05/24/19 09:00 PM	17870	225	1.47	ND	ND	ND	ND	ND	ND	ND	10.5	137
05/24/19 09:30 PM	18015	223	1.46	ND	ND	ND	ND	ND	ND	ND	11.7	131
05/24/19 10:00 PM	17970	223	1.45	ND	ND	ND	ND	ND	ND	ND	11.3	131
05/24/19 10:30 PM	18310	222	1.44	ND	ND	ND	ND	ND	ND	ND	12.6	128
05/24/19 11:00 PM	18301	221	1.45	ND	ND	ND	ND	ND	ND	ND	11.6	135
05/24/19 11:30 PM	18378	220	1.43	ND	ND	ND	ND	ND	ND	ND	10.6	135
05/25/19 12:00 AM	18509	221	1.44	ND	ND	ND	ND	ND	ND	ND	11.7	136

Daily Processed Summary (Average, Maximum)

Average	18588	228	1.47	BDL	0.00022	BDL	BDL	BDL	BDL	0.00004	BDL	14.8	142
Maximum Value	19533	240	1.53	BDL	0.00258	BDL	BDL	BDL	BDL	0.00169	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/25/19 12:30 AM	18525	220	1.44	ND	0.00118	ND	ND	ND	ND	ND	12.6	135
05/25/19 01:00 AM	18525	219	1.44	ND	0.00093	ND	ND	ND	ND	ND	13.6	138
05/25/19 01:30 AM	18405	215	1.42	ND	ND	ND	ND	ND	ND	ND	14.3	140
05/25/19 02:00 AM	18284	215	1.43	ND	ND	ND	ND	ND	ND	ND	13.7	145
05/25/19 02:30 AM	18302	216	1.43	ND	ND	ND	ND	ND	ND	ND	13.5	146
05/25/19 03:00 AM	18315	216	1.43	ND	ND	ND	ND	ND	ND	ND	14.0	145
05/25/19 03:30 AM	18336	215	1.43	ND	ND	ND	ND	0.00383	ND	ND	16.1	145
05/25/19 04:00 AM	18373	216	1.44	ND	ND	ND	ND	ND	ND	ND	15.1	149
05/25/19 04:30 AM	18389	216	1.46	ND	ND	ND	ND	ND	ND	ND	13.8	154
05/25/19 05:00 AM	18331	216	1.45	ND	ND	ND	ND	ND	ND	ND	12.6	161
05/25/19 05:30 AM	18248	216	1.43	ND	0.00120	ND	ND	ND	ND	ND	12.0	146
05/25/19 06:00 AM	18213	215	1.43	ND	ND	ND	ND	ND	ND	ND	12.6	140
05/25/19 06:30 AM	18138	216	1.43	ND	ND	ND	ND	ND	ND	ND	10.5	134
05/25/19 07:00 AM	18049	215	1.43	ND	0.00251	ND	ND	ND	ND	ND	10.0	134
05/25/19 07:30 AM	18277	218	1.44	ND	ND	ND	ND	ND	ND	ND	10.1	139
05/25/19 08:00 AM	18253	221	1.45	ND	ND	ND	ND	ND	ND	ND	12.9	143
05/25/19 08:30 AM	18563	223	1.45	ND	ND	ND	ND	0.00207	ND	ND	12.9	139
05/25/19 09:00 AM	18898	227	1.47	ND	ND	ND	ND	ND	ND	ND	12.8	140
05/25/19 09:30 AM	18882	222	1.46	ND	ND	ND	ND	ND	ND	ND	14.7	150
05/25/19 10:00 AM	18571	223	1.46	ND	ND	ND	ND	ND	ND	ND	17.1	150
05/25/19 10:30 AM	18405	228	1.48	ND	0.00104	ND	ND	ND	ND	ND	16.4	147
05/25/19 11:00 AM	18294	230	1.48	ND	ND	ND	ND	ND	ND	ND	15.2	143
05/25/19 11:30 AM	18393	231	1.49	ND	ND	ND	ND	ND	ND	ND	15.8	153
05/25/19 12:00 PM	18274	231	1.49	ND	ND	ND	ND	ND	ND	ND	15.2	148
05/25/19 12:30 PM	18171	231	1.48	ND	ND	ND	ND	ND	ND	ND	15.3	148
05/25/19 01:00 PM	18067	232	1.49	ND	ND	ND	ND	ND	ND	ND	14.2	142
05/25/19 01:30 PM	18082	232	1.48	ND	ND	ND	ND	ND	ND	ND	15.1	142
05/25/19 02:00 PM	18072	233	1.48	ND	ND	ND	ND	ND	ND	ND	14.6	148
05/25/19 02:30 PM	18262	232	1.48	ND	ND	ND	ND	ND	ND	ND	15.1	148
05/25/19 03:00 PM	18398	232	1.49	ND	ND	ND	ND	ND	ND	ND	15.1	144
05/25/19 03:30 PM	18137	233	1.48	ND	0.00100	ND	ND	ND	ND	ND	14.9	144
05/25/19 04:00 PM	18057	233	1.49	ND	0.00202	ND	ND	ND	ND	ND	15.5	146
05/25/19 04:30 PM	18066	233	1.48	ND	ND	ND	ND	ND	ND	ND	14.5	137
05/25/19 05:00 PM	17976	234	1.49	ND	ND	ND	ND	ND	ND	ND	14.1	138
05/25/19 05:30 PM	18209	234	1.50	ND	ND	ND	ND	ND	ND	ND	13.3	140
05/25/19 06:00 PM	18188	232	1.49	ND	ND	ND	ND	ND	ND	ND	14.5	138
05/25/19 06:30 PM	18355	231	1.50	ND	ND	ND	ND	ND	ND	ND	13.4	138
05/25/19 07:00 PM	18544	232	1.49	ND	ND	ND	ND	0.00198	ND	ND	12.5	134
05/25/19 07:30 PM	18508	229	1.47	ND	ND	ND	ND	ND	ND	ND	10.6	135
05/25/19 08:00 PM	18439	226	1.46	ND	ND	ND	ND	ND	ND	ND	10.0	131
05/25/19 08:30 PM	18216	223	1.47	ND	ND	ND	ND	ND	ND	ND	10.6	131
05/25/19 09:00 PM	18121	221	1.46	ND	0.00089	ND	ND	ND	ND	ND	9.6	129
05/25/19 09:30 PM	17948	220	1.46	ND	ND	ND	ND	ND	ND	ND	9.8	131
05/25/19 10:00 PM	17866	219	1.45	ND	0.00084	ND	ND	ND	ND	ND	10.1	133
05/25/19 10:30 PM	18053	220	1.46	ND	ND	ND	ND	ND	ND	ND	9.8	132
05/25/19 11:00 PM	17997	219	1.45	ND	ND	ND	ND	ND	ND	ND	10.5	134
05/25/19 11:30 PM	18084	218	1.45	ND	ND	ND	ND	ND	ND	ND	11.9	136
05/26/19 12:00 AM	17912	217	1.45	ND	ND	ND	ND	ND	ND	ND	13.1	140

Daily Processed Summary (Average, Maximum)

Average	18270	224	1.46	BDL	0.00024	BDL	BDL	0.00008	0.00008	BDL	13.2	142
Maximum Value	18898	234	1.50	BDL	0.00251	BDL	BDL	0.00383	0.00207	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/26/19 12:30 AM	17934	217	1.48	ND	ND	ND	ND	ND	ND	ND	12.2	144
05/26/19 01:00 AM	17985	218	1.46	ND	ND	ND	ND	ND	ND	ND	14.8	152
05/26/19 01:30 AM	17855	216	1.47	ND	ND	ND	ND	ND	ND	ND	14.1	162
05/26/19 02:00 AM	17964	217	1.48	0.00301	ND	ND	ND	ND	ND	ND	13.6	160
05/26/19 02:30 AM	17595	216	1.45	ND	ND	ND	ND	ND	ND	ND	16.2	148
05/26/19 03:00 AM	17457	215	1.43	ND	ND	ND	ND	ND	ND	ND	16.7	146
05/26/19 03:30 AM	17289	215	1.44	ND	ND	ND	ND	ND	ND	ND	16.9	148
05/26/19 04:00 AM	17541	212	1.44	ND	ND	ND	ND	ND	ND	ND	16.6	148
05/26/19 04:30 AM	17724	212	1.44	ND	ND	ND	ND	ND	ND	ND	16.5	145
05/26/19 05:00 AM	17724	212	1.44	ND	ND	ND	ND	ND	ND	ND	15.1	147
05/26/19 05:30 AM	17354	213	1.44	ND	ND	ND	ND	ND	ND	ND	14.3	145
05/26/19 06:00 AM	17207	214	1.43	ND	0.00135	ND	ND	ND	ND	ND	14.6	145
05/26/19 06:30 AM	17124	213	1.43	ND	ND	ND	ND	ND	ND	ND	11.7	140
05/26/19 07:00 AM	17177	213	1.43	ND	ND	ND	ND	ND	ND	ND	11.9	142
05/26/19 07:30 AM	17391	216	1.43	ND	ND	ND	ND	ND	ND	ND	10.4	139
05/26/19 08:00 AM	17543	221	1.45	ND	ND	ND	ND	ND	ND	ND	10.3	136
05/26/19 08:30 AM	17751	225	1.47	ND	ND	ND	ND	ND	ND	ND	12.7	142
05/26/19 09:00 AM	17675	225	1.47	ND	ND	ND	ND	ND	ND	ND	14.5	142
05/26/19 09:30 AM	17510	228	1.48	ND	ND	ND	ND	ND	ND	ND	14.9	146
05/26/19 10:00 AM	17342	227	1.49	ND	0.00103	ND	ND	ND	ND	ND	14.7	146
05/26/19 10:30 AM	17545	230	1.50	ND	ND	ND	ND	ND	ND	ND	13.9	148
05/26/19 11:00 AM	16909	232	1.49	ND	ND	ND	ND	ND	ND	ND	15.0	153
05/26/19 11:30 AM	16816	234	1.50	ND	0.00090	ND	ND	ND	ND	ND	15.4	154
05/26/19 12:00 PM	16978	233	1.49	ND	ND	ND	ND	ND	ND	ND	14.6	156
05/26/19 12:30 PM	16968	234	1.49	ND	ND	ND	ND	ND	ND	ND	14.8	151
05/26/19 01:00 PM	17348	233	1.49	ND	ND	ND	ND	ND	ND	ND	14.6	147
05/26/19 01:30 PM	17517	233	1.50	ND	ND	ND	ND	ND	ND	ND	13.6	154
05/26/19 02:00 PM	17727	234	1.50	ND	0.00202	ND	ND	ND	ND	ND	13.2	159
05/26/19 02:30 PM	17720	234	1.50	ND	ND	ND	ND	ND	ND	ND	13.9	149
05/26/19 03:00 PM	17593	234	1.50	ND	ND	ND	ND	ND	ND	ND	15.0	148
05/26/19 03:30 PM	17579	235	1.49	ND	0.00079	ND	ND	ND	ND	ND	14.1	145
05/26/19 04:00 PM	17662	235	1.49	ND	ND	ND	ND	ND	ND	ND	13.6	139
05/26/19 04:30 PM	17687	234	1.50	ND	0.00087	ND	ND	ND	ND	ND	13.8	143
05/26/19 05:00 PM	17598	235	1.51	ND	ND	ND	ND	ND	ND	ND	13.3	138
05/26/19 05:30 PM	17442	235	1.51	ND	ND	ND	ND	ND	ND	ND	12.4	136
05/26/19 06:00 PM	17284	234	1.50	ND	0.00132	ND	ND	ND	ND	ND	13.1	141
05/26/19 06:30 PM	17958	233	1.49	ND	0.00076	ND	ND	ND	ND	ND	12.1	135
05/26/19 07:00 PM	18103	232	1.50	ND	ND	ND	ND	ND	ND	ND	12.9	132
05/26/19 07:30 PM	17786	229	1.49	ND	0.00263	ND	ND	ND	ND	ND	10.0	131
05/26/19 08:00 PM	17474	227	1.49	ND	ND	ND	ND	ND	ND	ND	8.9	129
05/26/19 08:30 PM	17385	225	1.48	ND	ND	ND	ND	ND	ND	ND	7.7	128
05/26/19 09:00 PM	17217	224	1.48	ND	ND	ND	ND	ND	ND	ND	7.4	126
05/26/19 09:30 PM	16862	223	1.47	ND	ND	ND	ND	ND	ND	ND	8.1	130
05/26/19 10:00 PM	16941	222	1.47	ND	ND	ND	ND	ND	ND	ND	8.6	131
05/26/19 10:30 PM	17492	221	1.46	ND	ND	ND	ND	ND	ND	ND	8.0	130
05/26/19 11:00 PM	17352	221	1.47	ND	ND	ND	ND	ND	ND	ND	9.0	132
05/26/19 11:30 PM	17614	220	1.46	ND	ND	ND	ND	ND	ND	ND	10.8	140
05/27/19 12:00 AM	17234	221	1.46	ND	ND	ND	ND	ND	ND	ND	11.0	145

Daily Processed Summary (Average, Maximum)

Average	17473	225	1.47	BDL	0.00031	BDL	BDL	BDL	BDL	BDL	12.8	144
Maximum Value	18103	235	1.51	BDL	0.00301	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/27/19 12:30 AM	16873	222	1.47	ND	ND	ND	ND	ND	ND	ND	13.9	145
05/27/19 01:00 AM	16652	222	1.47	ND	ND	ND	0.00283	ND	ND	ND	13.3	145
05/27/19 01:30 AM	16743	222	1.47	ND	ND	ND	ND	ND	ND	ND	11.3	143
05/27/19 02:00 AM	16549	223	1.46	ND	ND	ND	ND	ND	ND	ND	14.6	143
05/27/19 02:30 AM	16259	223	1.46	ND	ND	ND	ND	ND	ND	ND	16.0	145
05/27/19 03:00 AM	16290	222	1.46	ND	ND	ND	ND	ND	ND	ND	15.6	149
05/27/19 03:30 AM	17009	222	1.48	ND	ND	ND	ND	ND	ND	ND	13.9	163
05/27/19 04:00 AM	16906	220	1.45	ND	ND	ND	ND	ND	ND	ND	12.0	175
05/27/19 04:30 AM	17052	220	1.45	ND	ND	ND	ND	ND	ND	ND	14.2	172
05/27/19 05:00 AM	17182	220	1.45	ND	ND	ND	ND	ND	ND	ND	14.6	169
05/27/19 05:30 AM	17024	219	1.45	ND	0.00101	ND	ND	ND	ND	ND	13.5	176
05/27/19 06:00 AM	16679	219	1.44	ND	ND	ND	ND	ND	ND	ND	14.2	175
05/27/19 06:30 AM	16933	220	1.44	ND	ND	ND	ND	ND	ND	ND	13.8	169
05/27/19 07:00 AM	17089	219	1.44	ND	ND	ND	ND	ND	ND	ND	14.0	176
05/27/19 07:30 AM	17243	221	1.45	ND	ND	ND	ND	ND	ND	ND	14.4	175
05/27/19 08:00 AM	17091	224	1.45	ND	ND	ND	ND	ND	ND	ND	13.0	174
05/27/19 08:30 AM	17546	228	1.46	ND	ND	ND	ND	ND	ND	ND	13.7	176
05/27/19 09:00 AM	17728	230	1.49	ND	ND	ND	ND	ND	ND	ND	15.9	166
05/27/19 09:30 AM	17720	232	1.50	ND	ND	ND	ND	ND	ND	ND	15.7	163
05/27/19 10:00 AM	17648	232	1.48	ND	ND	ND	ND	ND	ND	ND	14.9	172
05/27/19 10:30 AM	17276	233	1.47	ND	0.00168	ND	ND	ND	ND	ND	14.3	177
05/27/19 11:00 AM	17954	234	1.49	ND	ND	ND	ND	ND	ND	ND	14.2	175
05/27/19 11:30 AM	17820	235	1.49	ND	ND	ND	ND	ND	ND	ND	15.0	168
05/27/19 12:00 PM	17838	236	1.50	ND	0.00091	ND	ND	ND	ND	ND	15.5	165
05/27/19 12:30 PM	17750	235	1.49	ND	ND	ND	ND	ND	ND	ND	15.4	164
05/27/19 01:00 PM	18140	236	1.51	ND	ND	ND	ND	ND	ND	ND	15.3	154
05/27/19 01:30 PM	18271	235	1.50	ND	ND	ND	ND	ND	ND	ND	16.1	158
05/27/19 02:00 PM	18545	234	1.50	ND	ND	ND	ND	ND	ND	ND	16.4	153
05/27/19 02:30 PM	18638	233	1.49	ND	ND	ND	ND	ND	ND	ND	17.1	153
05/27/19 03:00 PM	18921	234	1.50	ND	ND	ND	ND	ND	ND	ND	17.1	149
05/27/19 03:30 PM	18716	233	1.49	ND	ND	ND	ND	ND	ND	ND	16.6	146
05/27/19 04:00 PM	18788	232	1.49	ND	ND	ND	ND	ND	ND	ND	18.2	154
05/27/19 04:30 PM	18770	232	1.49	ND	ND	ND	0.00279	ND	ND	ND	17.5	156
05/27/19 05:00 PM	18641	234	1.51	ND	ND	ND	ND	0.00300	ND	ND	18.3	156
05/27/19 05:30 PM	17933	234	1.50	ND	ND	ND	ND	ND	ND	ND	17.2	151
05/27/19 06:00 PM	17488	232	1.49	ND	ND	ND	ND	ND	ND	ND	17.8	146
05/27/19 06:30 PM	17287	233	1.50	ND	ND	ND	ND	ND	ND	ND	16.3	151
05/27/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.8	148
05/27/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.3	149
05/27/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.9	145
05/27/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	142
05/27/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	143
05/27/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.8	144
05/27/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.1	147
05/27/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.3	146
05/27/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	150
05/27/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.6	151
05/28/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.8	157
Daily Processed Summary (Average, Maximum)												
Average	17540	228	1.48	BDL	0.00008	BDL	0.00012	0.00006	BDL	BDL	14.9	157
Maximum Value	18921	236	1.51	BDL	0.00168	BDL	0.00283	0.00300	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/28/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.5	164
05/28/19 01:00 AM	17957	209	1.44	ND	ND	ND	ND	ND	ND	ND	18.6	166
05/28/19 01:30 AM	17824	209	1.42	ND	0.00112	ND	ND	ND	ND	ND	16.4	172
05/28/19 02:00 AM	17861	209	1.41	ND	ND	ND	ND	ND	ND	ND	13.9	176
05/28/19 02:30 AM	18000	209	1.41	ND	ND	ND	ND	ND	ND	ND	16.4	174
05/28/19 03:00 AM	18129	209	1.41	ND	ND	ND	ND	ND	ND	ND	15.5	174
05/28/19 03:30 AM	18267	210	1.42	ND	ND	ND	ND	ND	ND	ND	14.8	174
05/28/19 04:00 AM	18121	209	1.40	ND	ND	ND	ND	ND	ND	ND	14.1	178
05/28/19 04:30 AM	17929	210	1.41	ND	0.00124	ND	ND	ND	ND	ND	14.4	176
05/28/19 05:00 AM	18188	211	1.43	ND	ND	ND	ND	ND	ND	ND	14.6	166
05/28/19 05:30 AM	18120	210	1.40	ND	ND	ND	ND	ND	ND	ND	14.2	175
05/28/19 06:00 AM	18183	210	1.41	ND	0.00106	ND	ND	ND	ND	ND	13.0	176
05/28/19 06:30 AM	17705	211	1.41	ND	ND	ND	ND	ND	ND	ND	17.0	174
05/28/19 07:00 AM	17814	210	1.40	ND	ND	ND	ND	ND	ND	ND	17.5	174
05/28/19 07:30 AM	17970	214	1.41	ND	0.00148	ND	ND	ND	ND	ND	16.2	175
05/28/19 08:00 AM	18366	216	1.42	ND	ND	ND	ND	ND	ND	ND	16.7	176
05/28/19 08:30 AM	18883	218	1.43	ND	ND	ND	ND	ND	ND	ND	16.2	175
05/28/19 09:00 AM	19074	219	1.44	ND	ND	ND	ND	ND	ND	ND	18.5	176
05/28/19 09:30 AM	19295	220	1.44	ND	ND	ND	ND	ND	ND	ND	17.2	179
05/28/19 10:00 AM	19039	221	1.44	ND	ND	ND	ND	ND	ND	ND	17.5	176
05/28/19 10:30 AM	18698	223	1.45	ND	0.00109	ND	ND	ND	ND	ND	17.1	178
05/28/19 11:00 AM	18823	224	1.46	ND	ND	ND	ND	ND	ND	ND	15.8	184
05/28/19 11:30 AM	19154	225	1.45	ND	0.00103	ND	ND	ND	ND	ND	18.8	175
05/28/19 12:00 PM	19176	226	1.45	ND	ND	ND	ND	ND	ND	ND	19.3	175
05/28/19 12:30 PM	19377	225	1.45	ND	ND	ND	ND	ND	ND	ND	20.4	172
05/28/19 01:00 PM	19264	226	1.46	ND	ND	ND	ND	ND	ND	ND	20.4	171
05/28/19 01:30 PM	19367	225	1.46	ND	ND	ND	ND	ND	ND	ND	19.8	175
05/28/19 02:00 PM	19141	225	1.45	ND	ND	ND	ND	ND	ND	ND	21.2	169
05/28/19 02:30 PM	19296	227	1.47	ND	ND	ND	0.00281	ND	ND	ND	20.1	164
05/28/19 03:00 PM	19404	227	1.48	ND	ND	ND	ND	ND	ND	ND	18.9	166
05/28/19 03:30 PM	19451	228	1.47	ND	0.00122	ND	ND	ND	ND	ND	19.3	160
05/28/19 04:00 PM	19581	228	1.48	ND	0.00087	ND	ND	ND	ND	ND	19.3	153
05/28/19 04:30 PM	19610	226	1.46	ND	ND	ND	ND	ND	ND	ND	19.4	149
05/28/19 05:00 PM	19718	225	1.46	ND	ND	ND	ND	ND	ND	ND	19.3	157
05/28/19 05:30 PM	19682	223	1.46	ND	0.00121	ND	ND	ND	ND	ND	18.3	148
05/28/19 06:00 PM	19546	221	1.45	ND	ND	ND	ND	ND	ND	ND	19.6	150
05/28/19 06:30 PM	19475	220	1.45	ND	ND	ND	ND	ND	ND	ND	20.5	149
05/28/19 07:00 PM	19626	219	1.45	ND	ND	ND	ND	ND	ND	ND	20.0	146
05/28/19 07:30 PM	19586	216	1.44	ND	ND	ND	ND	ND	ND	ND	18.2	145
05/28/19 08:00 PM	19698	212	1.42	ND	ND	ND	ND	ND	ND	ND	16.3	146
05/28/19 08:30 PM	19610	209	1.41	ND	ND	ND	ND	ND	ND	ND	16.2	143
05/28/19 09:00 PM	19549	205	1.40	ND	ND	ND	ND	ND	ND	ND	16.8	141
05/28/19 09:30 PM	19625	205	1.41	ND	ND	ND	ND	ND	ND	ND	15.4	141
05/28/19 10:00 PM	19547	202	1.39	ND	0.00616	ND	ND	ND	ND	ND	16.7	144
05/28/19 10:30 PM	19570	202	1.39	ND	ND	ND	ND	ND	ND	ND	16.3	142
05/28/19 11:00 PM	19429	201	1.39	ND	ND	ND	ND	ND	ND	ND	15.8	146
05/28/19 11:30 PM	19454	201	1.39	ND	ND	ND	ND	ND	ND	ND	15.9	147
05/29/19 12:00 AM	19498	200	1.39	ND	ND	ND	ND	ND	ND	ND	17.0	146

Daily Processed Summary (Average, Maximum)

Average	18951	215	1.43	BDL	0.00034	BDL	0.00006	BDL	BDL	BDL	16.9	163
Maximum Value	19718	228	1.48	BDL	0.00616	BDL	0.00281	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

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Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/29/19 12:30 AM	19374	201	1.39	ND	ND	ND	ND	ND	ND	ND	17.5	148
05/29/19 01:00 AM	19294	200	1.39	ND	ND	ND	ND	ND	ND	ND	17.2	146
05/29/19 01:30 AM	19367	200	1.39	ND	ND	ND	ND	ND	ND	ND	17.1	148
05/29/19 02:00 AM	19552	200	1.40	ND	ND	ND	ND	ND	ND	ND	17.5	149
05/29/19 02:30 AM	19396	199	1.41	ND	ND	ND	ND	ND	ND	ND	17.0	149
05/29/19 03:00 AM	19540	199	1.41	ND	ND	ND	ND	ND	ND	ND	17.1	151
05/29/19 03:30 AM	19421	199	1.41	ND	ND	ND	ND	ND	ND	ND	17.6	150
05/29/19 04:00 AM	19348	198	1.41	ND	ND	ND	ND	ND	ND	ND	18.1	149
05/29/19 04:30 AM	19315	198	1.40	ND	ND	ND	ND	ND	ND	ND	18.9	149
05/29/19 05:00 AM	19341	198	1.42	ND	ND	ND	ND	ND	ND	ND	16.7	151
05/29/19 05:30 AM	19215	198	1.41	ND	ND	ND	ND	ND	ND	ND	17.3	165
05/29/19 06:00 AM	19205	197	1.42	ND	ND	ND	ND	ND	ND	ND	16.3	158
05/29/19 06:30 AM	19000	200	1.42	ND	ND	ND	ND	ND	ND	ND	18.4	162
05/29/19 07:00 AM	18856	199	1.40	ND	ND	ND	ND	ND	ND	ND	19.9	164
05/29/19 07:30 AM	18890	201	1.42	ND	0.00134	ND	ND	ND	ND	ND	20.4	164
05/29/19 08:00 AM	19049	201	1.41	ND	ND	ND	ND	ND	ND	ND	18.2	164
05/29/19 08:30 AM	18966	203	1.43	ND	ND	ND	ND	ND	ND	ND	18.7	164
05/29/19 09:00 AM	18931	206	1.44	ND	ND	ND	ND	ND	ND	ND	18.2	163
05/29/19 09:30 AM	18936	208	1.44	ND	0.00280	ND	ND	ND	ND	ND	18.9	158
05/29/19 10:00 AM	18792	211	1.45	ND	ND	ND	ND	ND	ND	ND	20.5	160
05/29/19 10:30 AM	18883	208	1.44	ND	ND	ND	ND	ND	ND	ND	18.4	152
05/29/19 11:00 AM	18465	207	1.41	ND	ND	ND	ND	ND	ND	ND	18.9	150
05/29/19 11:30 AM	18593	212	1.43	ND	0.00125	ND	ND	ND	ND	ND	18.1	149
05/29/19 12:00 PM	18734	212	1.43	ND	ND	ND	ND	ND	ND	ND	19.0	151
05/29/19 12:30 PM	18990	214	1.44	ND	ND	ND	ND	ND	ND	ND	18.3	149
05/29/19 01:00 PM	19030	215	1.45	ND	ND	ND	ND	ND	ND	ND	18.7	154
05/29/19 01:30 PM	19003	216	1.44	ND	ND	ND	ND	ND	ND	ND	20.0	148
05/29/19 02:00 PM	18576	217	1.45	ND	ND	ND	ND	ND	ND	ND	19.8	151
05/29/19 02:30 PM	18407	216	1.44	ND	ND	ND	ND	ND	ND	ND	21.0	149
05/29/19 03:00 PM	18478	215	1.43	ND	ND	ND	ND	ND	ND	ND	17.5	148
05/29/19 03:30 PM	18317	217	1.43	ND	ND	ND	ND	ND	ND	ND	19.7	146
05/29/19 04:00 PM	18355	218	1.44	ND	ND	ND	ND	ND	ND	ND	18.3	147
05/29/19 04:30 PM	18273	215	1.44	ND	ND	ND	ND	ND	ND	ND	16.5	149
05/29/19 05:00 PM	18285	212	1.43	ND	ND	ND	ND	ND	ND	ND	16.7	148
05/29/19 05:30 PM	18389	210	1.42	ND	ND	ND	ND	ND	ND	ND	16.1	148
05/29/19 06:00 PM	18413	211	1.43	ND	ND	ND	ND	ND	ND	ND	17.0	148
05/29/19 06:30 PM	18464	212	1.44	ND	ND	ND	ND	ND	ND	ND	14.8	152
05/29/19 07:00 PM	18248	213	1.44	ND	ND	ND	ND	ND	ND	ND	14.5	148
05/29/19 07:30 PM	18196	212	1.43	ND	ND	ND	ND	ND	ND	ND	12.3	142
05/29/19 08:00 PM	18336	211	1.42	ND	ND	ND	ND	ND	ND	ND	10.1	136
05/29/19 08:30 PM	18173	208	1.42	ND	ND	ND	ND	ND	ND	ND	9.6	131
05/29/19 09:00 PM	18188	205	1.42	ND	ND	ND	ND	ND	ND	ND	8.6	129
05/29/19 09:30 PM	18176	203	1.41	ND	ND	ND	ND	ND	ND	ND	7.9	128
05/29/19 10:00 PM	18364	201	1.40	ND	ND	ND	ND	ND	ND	ND	8.5	132
05/29/19 10:30 PM	18514	200	1.40	ND	ND	ND	ND	ND	ND	ND	9.4	139
05/29/19 11:00 PM	18600	199	1.39	ND	ND	ND	ND	ND	ND	ND	11.3	141
05/29/19 11:30 PM	18640	196	1.38	ND	ND	ND	ND	ND	ND	ND	11.2	141
05/30/19 12:00 AM	18796	194	1.37	ND	ND	ND	ND	ND	ND	ND	8.0	130

Daily Processed Summary (Average, Maximum)

Average	18785	206	1.42	BDL	0.00011	BDL	BDL	BDL	BDL	BDL	16.1	151
Maximum Value	19552	218	1.45	BDL	0.00280	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/30/19 12:30 AM	19043	191	1.37	ND	ND	ND	ND	ND	ND	ND	ND	144
05/30/19 01:00 AM	19101	192	1.36	ND	ND	ND	ND	ND	ND	ND	9.1	135
05/30/19 01:30 AM	19152	191	1.37	ND	ND	ND	ND	ND	ND	ND	9.1	139
05/30/19 02:00 AM	19275	191	1.37	ND	ND	ND	ND	ND	ND	ND	9.5	137
05/30/19 02:30 AM	19124	190	1.35	ND	ND	ND	ND	ND	ND	ND	7.5	129
05/30/19 03:00 AM	19119	192	1.36	ND	ND	ND	ND	ND	ND	ND	10.2	139
05/30/19 03:30 AM	19215	190	1.35	ND	ND	ND	ND	ND	ND	ND	8.9	134
05/30/19 04:00 AM	19312	191	1.35	ND	ND	ND	ND	ND	ND	ND	7.8	133
05/30/19 04:30 AM	19268	191	1.35	ND	ND	ND	ND	ND	ND	ND	7.3	125
05/30/19 05:00 AM	19102	189	1.38	ND	ND	ND	ND	ND	ND	ND	6.3	112
05/30/19 05:30 AM	18799	182	1.36	ND	ND	ND	ND	ND	ND	ND	6.3	124
05/30/19 06:00 AM	19067	184	1.33	ND	ND	ND	ND	ND	ND	ND	9.5	144
05/30/19 06:30 AM	19152	184	1.34	ND	ND	ND	ND	ND	ND	ND	12.6	146
05/30/19 07:00 AM	19045	187	1.34	ND	ND	ND	ND	ND	ND	ND	14.3	149
05/30/19 07:30 AM	19432	194	1.36	ND	ND	ND	ND	ND	ND	ND	13.7	148
05/30/19 08:00 AM	19784	198	1.40	ND	ND	ND	ND	ND	ND	ND	14.6	159
05/30/19 08:30 AM	19919	204	1.41	ND	ND	ND	ND	ND	ND	ND	12.0	156
05/30/19 09:00 AM	19970	210	1.42	ND	ND	ND	ND	ND	ND	ND	11.4	168
05/30/19 09:30 AM	20258	213	1.44	ND	ND	ND	ND	ND	ND	ND	10.8	160
05/30/19 10:00 AM	20096	215	1.43	ND	ND	ND	ND	ND	ND	ND	9.4	150
05/30/19 10:30 AM	20325	218	1.44	ND	ND	ND	ND	ND	ND	ND	6.4	127
05/30/19 11:00 AM	19828	218	1.43	ND	ND	ND	ND	ND	ND	ND	5.3	138
05/30/19 11:30 AM	19517	217	1.43	ND	ND	ND	ND	ND	ND	ND	6.1	138
05/30/19 12:00 PM	19139	220	1.44	ND	ND	ND	ND	ND	ND	ND	7.6	140
05/30/19 12:30 PM	19736	221	1.44	ND	ND	ND	ND	ND	ND	ND	10.3	141
05/30/19 01:00 PM	19336	219	1.44	ND	ND	ND	ND	ND	ND	ND	9.9	134
05/30/19 01:30 PM	19537	221	1.46	ND	ND	ND	ND	ND	ND	ND	11.0	151
05/30/19 02:00 PM	19799	215	1.44	ND	ND	ND	ND	ND	ND	ND	12.9	162
05/30/19 02:30 PM	19936	216	1.45	ND	ND	ND	ND	ND	ND	ND	14.0	160
05/30/19 03:00 PM	20162	230	1.48	ND	ND	ND	ND	ND	ND	ND	13.7	164
05/30/19 03:30 PM	19604	214	1.44	ND	ND	ND	ND	ND	ND	ND	13.9	160
05/30/19 04:00 PM	20489	228	1.50	ND	ND	ND	ND	ND	ND	ND	14.2	156
05/30/19 04:30 PM	20448	228	1.50	ND	ND	ND	ND	ND	ND	ND	14.9	151
05/30/19 05:00 PM	20355	226	1.51	ND	ND	ND	ND	ND	ND	ND	14.5	151
05/30/19 05:30 PM	19962	223	1.48	ND	ND	ND	ND	ND	ND	ND	15.3	157
05/30/19 06:00 PM	19821	222	1.48	ND	ND	ND	ND	ND	ND	ND	12.2	133
05/30/19 06:30 PM	19660	218	1.45	ND	ND	ND	ND	ND	ND	ND	12.1	137
05/30/19 07:00 PM	19342	217	1.47	ND	ND	ND	ND	ND	ND	ND	10.2	132
05/30/19 07:30 PM	19465	213	1.45	ND	ND	ND	ND	ND	ND	ND	9.2	134
05/30/19 08:00 PM	19304	213	1.44	ND	ND	ND	ND	ND	ND	ND	8.4	153
05/30/19 08:30 PM	19352	210	1.49	ND	ND	ND	ND	ND	ND	ND	5.6	163
05/30/19 09:00 PM	18347	207	1.63	ND	ND	ND	ND	ND	ND	ND	4.5	23
05/30/19 09:30 PM	18200	204	1.58	ND	ND	ND	ND	ND	ND	ND	5.2	57
05/30/19 10:00 PM	18394	201	1.50	ND	ND	ND	ND	ND	ND	ND	4.7	72
05/30/19 10:30 PM	18247	200	1.46	ND	ND	ND	ND	ND	ND	ND	4.7	47
05/30/19 11:00 PM	17952	197	1.48	ND	ND	ND	ND	ND	ND	ND	6.0	34
05/30/19 11:30 PM	17439	193	1.45	ND	ND	ND	ND	ND	ND	ND	4.1	59
05/31/19 12:00 AM	17301	191	1.45	ND	ND	ND	ND	ND	ND	ND	3.5	72

## Daily Processed Summary (Average, Maximum)

Average	19338	206	1.43	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.7	142
Maximum Value	20489	230	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
05/31/19 12:30 AM	16912	183	1.41	ND	ND	ND	ND	ND	ND	ND	2.3	185
05/31/19 01:00 AM	16684	185	1.44	ND	ND	ND	ND	ND	ND	ND	1.7	294
05/31/19 01:30 AM	16638	185	1.52	ND	ND	ND	ND	ND	ND	ND	3.6	23
05/31/19 02:00 AM	16475	180	1.59	ND	ND	ND	ND	ND	ND	ND	2.4	107
05/31/19 02:30 AM	16750	184	1.48	ND	ND	ND	ND	ND	ND	ND	4.8	80
05/31/19 03:00 AM	16599	188	1.47	ND	ND	ND	ND	ND	ND	ND	5.3	12
05/31/19 03:30 AM	16405	187	1.53	ND	ND	ND	ND	ND	ND	ND	2.8	51
05/31/19 04:00 AM	16388	186	1.52	ND	ND	ND	ND	ND	ND	ND	4.2	120
05/31/19 04:30 AM	16505	175	1.43	ND	ND	ND	ND	ND	ND	ND	4.6	148
05/31/19 05:00 AM	17428	172	1.35	ND	ND	ND	ND	ND	ND	ND	7.8	161
05/31/19 05:30 AM	18544	196	1.39	ND	ND	ND	ND	ND	ND	ND	5.9	160
05/31/19 06:00 AM	18649	196	1.40	ND	ND	ND	ND	ND	ND	ND	9.3	147
05/31/19 06:30 AM	18603	196	1.38	ND	ND	ND	ND	ND	ND	ND	8.6	127
05/31/19 07:00 AM	18579	197	1.45	ND	ND	ND	ND	ND	ND	ND	5.6	80
05/31/19 07:30 AM	18624	197	1.42	ND	ND	ND	ND	ND	ND	ND	4.9	106
05/31/19 08:00 AM	19216	205	1.46	ND	ND	ND	ND	ND	ND	ND	5.4	104
05/31/19 08:30 AM	19601	213	1.47	ND	ND	ND	ND	ND	ND	ND	6.6	102
05/31/19 09:00 AM	19007	216	1.45	ND	ND	ND	ND	ND	ND	ND	7.1	123
05/31/19 09:30 AM	19167	214	1.44	ND	ND	ND	ND	ND	ND	ND	5.5	124
05/31/19 10:00 AM	18480	220	1.47	ND	ND	ND	ND	ND	ND	ND	8.0	136
05/31/19 10:30 AM	18840	219	1.45	ND	ND	ND	ND	ND	ND	ND	7.1	132
05/31/19 11:00 AM	18658	224	1.47	ND	ND	ND	ND	ND	ND	ND	8.7	125
05/31/19 11:30 AM	18659	223	1.46	ND	ND	ND	ND	ND	ND	ND	8.5	121
05/31/19 12:00 PM	18790	229	1.49	ND	ND	ND	ND	ND	ND	ND	8.2	122
05/31/19 12:30 PM	18640	226	1.47	ND	ND	ND	ND	ND	ND	ND	8.3	113
05/31/19 01:00 PM	18490	227	1.48	ND	ND	ND	ND	ND	ND	ND	9.5	113
05/31/19 01:30 PM	18625	229	1.47	ND	ND	ND	ND	ND	ND	ND	9.4	134
05/31/19 02:00 PM	18514	229	1.48	ND	ND	ND	ND	ND	ND	ND	9.5	148
05/31/19 02:30 PM	18684	226	1.47	ND	ND	ND	ND	ND	ND	ND	10.9	164
05/31/19 03:00 PM	18295	230	1.49	ND	ND	ND	ND	ND	ND	ND	9.9	181
05/31/19 03:30 PM	18269	233	1.49	ND	ND	ND	ND	ND	ND	ND	9.7	164
05/31/19 04:00 PM	18358	234	1.50	ND	ND	ND	ND	ND	ND	ND	9.0	154
05/31/19 04:30 PM	18676	234	1.50	ND	ND	ND	ND	ND	ND	ND	9.2	145
05/31/19 05:00 PM	18691	231	1.49	ND	ND	ND	ND	ND	ND	ND	9.3	136
05/31/19 05:30 PM	18628	230	1.48	ND	ND	ND	ND	ND	ND	ND	9.2	149
05/31/19 06:00 PM	18254	229	1.48	ND	ND	ND	ND	ND	ND	ND	8.5	122
05/31/19 06:30 PM	18388	230	1.48	ND	ND	ND	ND	ND	ND	ND	9.6	134
05/31/19 07:00 PM	19204	228	1.48	ND	ND	ND	ND	ND	ND	ND	9.5	136
05/31/19 07:30 PM	19010	224	1.47	ND	ND	ND	ND	ND	ND	ND	9.4	128
05/31/19 08:00 PM	19058	219	1.47	ND	ND	ND	ND	ND	ND	ND	8.8	118
05/31/19 08:30 PM	18992	216	1.45	ND	ND	ND	ND	ND	ND	ND	6.7	110
05/31/19 09:00 PM	18933	212	1.53	ND	ND	ND	ND	ND	ND	ND	5.7	100
05/31/19 09:30 PM	18816	210	1.46	ND	ND	ND	ND	ND	0.00242	ND	5.7	110
05/31/19 10:00 PM	18695	208	1.44	ND	ND	ND	ND	ND	ND	ND	5.3	125
05/31/19 10:30 PM	18615	207	1.57	ND	ND	ND	ND	ND	ND	ND	4.4	106
05/31/19 11:00 PM	18364	205	1.45	ND	ND	ND	ND	ND	ND	ND	3.8	54
05/31/19 11:30 PM	17588	205	1.47	ND	ND	ND	ND	ND	ND	ND	3.9	62
06/01/19 12:00 AM	18152	200	1.44	ND	ND	ND	ND	ND	ND	ND	5.1	123

Daily Processed Summary (Average, Maximum)

Average	18253	210	1.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.9	128
Maximum Value	19601	234	1.59	BDL	BDL	BDL	BDL	BDL	0.00005	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
June 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
June 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
6/1/2019	100	17995	210	1.48	BDL	0.00023	BDL	0.00008	BDL	0.00014	BDL	4.8	133
6/2/2019	100	18371	213	1.45	BDL	0.00015	BDL	BDL	BDL	0.00005	BDL	7.4	141
6/3/2019	100	18365	207	1.43	BDL	0.00005	BDL	0.00008	BDL	0.00012	BDL	7.7	144
6/4/2019	100	18100	210	1.45	BDL	0.00006	BDL	0.00006	0.00011	BDL	BDL	8.0	114
6/5/2019	94	19985	249	1.54	BDL	0.00019	BDL	BDL	BDL	BDL	BDL	0.9	193
6/6/2019	100	19737	265	1.61	BDL	0.00010	BDL	BDL	0.00051	0.00012	BDL	4.7	157
6/7/2019	100	21427	258	1.60	BDL	0.00035	BDL	0.00004	BDL	BDL	BDL	3.3	249
6/8/2019	100	18217	280	1.77	BDL	0.00017	BDL	BDL	BDL	0.00006	BDL	1.4	32
6/9/2019	100	21487	272	1.65	BDL	0.00040	BDL	0.00008	0.00020	0.00016	BDL	5.3	176
6/10/2019	100	19604	270	1.72	BDL	0.00022	BDL	0.00004	BDL	0.00004	BDL	4.9	33
6/11/2019	98	17276	245	1.66	BDL	0.00022	BDL	0.00003	0.00007	0.00006	BDL	4.1	52
6/12/2019	100	18340	269	1.73	BDL	0.00017	BDL	BDL	BDL	BDL	BDL	2.9	67
6/13/2019	100	18259	273	1.91	BDL	0.00011	BDL	0.00010	0.00011	BDL	BDL	0.9	278
6/14/2019	100	18357	271	1.68	BDL	0.00025	BDL	0.00008	BDL	0.00013	BDL	9.9	158
6/15/2019	100	20809	266	1.55	BDL	0.00017	BDL	BDL	BDL	0.00003	BDL	15.1	177
6/16/2019	100	21452	265	1.54	BDL	0.00014	BDL	0.00011	0.00006	0.00007	BDL	15.1	171
6/17/2019	75	18460	258	1.54	BDL	0.00008	BDL	0.00010	BDL	BDL	BDL	3.4	106
6/18/2019	100	21179	275	1.58	BDL	0.00017	BDL	0.00004	BDL	0.00004	BDL	6.5	188
6/19/2019	100	22897	272	1.57	BDL	0.00008	BDL	0.00003	0.00006	BDL	BDL	10.7	187
6/20/2019	100	23058	267	1.55	BDL	0.00009	BDL	0.00003	BDL	0.00010	BDL	13.5	181
6/21/2019	83	23489	261	1.54	BDL	0.00007	BDL	0.00007	BDL	0.00003	BDL	15.2	168
6/22/2019	100	23197	256	1.53	BDL	0.00016	BDL	0.00004	BDL	BDL	BDL	15.8	164
6/23/2019	100	22778	253	1.51	BDL	0.00013	BDL	0.00045	BDL	BDL	BDL	17.3	176
6/24/2019	96	20113	258	1.53	BDL	0.00005	BDL	0.00041	BDL	BDL	BDL	7.8	236
6/25/2019	98	18844	256	1.59	BDL	0.00012	BDL	0.00010	BDL	BDL	BDL	5.1	37
6/26/2019	100	21580	258	1.52	BDL	0.00018	BDL	0.00011	BDL	BDL	BDL	10.2	330
6/27/2019	98	21540	253	1.52	BDL	0.00005	BDL	0.00009	BDL	BDL	BDL	8.2	22
6/28/2019	75	20840	250	1.56	BDL	0.00004	BDL	BDL	0.00012	BDL	BDL	5.5	44
6/29/2019	0											6.1	48
6/30/2019	0											6.9	50

## Daily Processed Summary (Average, Maximum)

Average	91	20206	255	1.58	BDL	0.00015	BDL	0.00008	0.00004	0.00004	BDL	4.1	155
Maximum Value	100	23489	280	1.91	BDL	0.00040	BDL	0.00045	0.00051	0.00016	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/01/19 12:30 AM	18749	203	1.43	ND	ND	ND	ND	ND	ND	ND	6.2	118
06/01/19 01:00 AM	18338	204	1.48	ND	ND	ND	ND	ND	ND	ND	4.6	95
06/01/19 01:30 AM	17596	202	1.47	ND	0.00168	ND	ND	ND	ND	ND	5.1	60
06/01/19 02:00 AM	17079	198	1.48	ND	ND	ND	ND	ND	ND	ND	5.4	46
06/01/19 02:30 AM	16762	196	1.48	ND	0.00145	ND	ND	ND	ND	ND	4.6	83
06/01/19 03:00 AM	16438	194	1.49	ND	ND	ND	0.00370	ND	0.00328	ND	2.0	132
06/01/19 03:30 AM	16048	189	1.46	ND	ND	ND	ND	ND	ND	ND	2.3	163
06/01/19 04:00 AM	15570	180	1.44	ND	0.00194	ND	ND	ND	ND	ND	4.0	344
06/01/19 04:30 AM	15748	184	1.45	ND	ND	ND	ND	ND	ND	ND	3.9	21
06/01/19 05:00 AM	15650	185	1.55	ND	ND	ND	ND	ND	ND	ND	3.4	43
06/01/19 05:30 AM	15428	182	1.48	ND	ND	ND	ND	ND	ND	ND	2.5	65
06/01/19 06:00 AM	15134	177	1.45	ND	ND	ND	ND	ND	ND	ND	2.9	41
06/01/19 06:30 AM	14823	171	1.52	ND	ND	ND	ND	ND	ND	ND	2.6	74
06/01/19 07:00 AM	14950	176	1.48	ND	ND	ND	ND	ND	ND	ND	3.2	49
06/01/19 07:30 AM	16306	200	1.62	ND	ND	ND	ND	ND	ND	ND	2.6	105
06/01/19 08:00 AM	17631	209	1.64	ND	ND	ND	ND	ND	ND	ND	3.1	77
06/01/19 08:30 AM	18749	215	1.58	ND	0.00131	ND	ND	ND	ND	ND	3.3	67
06/01/19 09:00 AM	19476	218	1.56	ND	0.00107	ND	ND	ND	ND	ND	3.7	50
06/01/19 09:30 AM	19854	220	1.55	ND	ND	ND	ND	ND	ND	ND	4.6	39
06/01/19 10:00 AM	19810	222	1.53	ND	ND	ND	ND	ND	ND	ND	4.5	39
06/01/19 10:30 AM	19450	218	1.49	ND	ND	ND	ND	ND	ND	ND	4.1	198
06/01/19 11:00 AM	18868	205	1.45	ND	ND	ND	ND	ND	ND	ND	4.3	272
06/01/19 11:30 AM	18791	211	1.46	ND	ND	ND	ND	ND	ND	ND	4.1	311
06/01/19 12:00 PM	18647	212	1.46	ND	ND	ND	ND	ND	ND	ND	2.9	287
06/01/19 12:30 PM	18676	227	1.47	ND	ND	ND	ND	ND	ND	ND	7.4	137
06/01/19 01:00 PM	18477	231	1.48	ND	ND	ND	ND	ND	ND	ND	8.2	149
06/01/19 01:30 PM	18538	228	1.47	ND	ND	ND	ND	ND	ND	ND	9.5	155
06/01/19 02:00 PM	17935	226	1.46	ND	ND	ND	ND	ND	0.00183	ND	10.1	133
06/01/19 02:30 PM	18270	228	1.46	ND	ND	ND	ND	ND	0.00183	ND	10.5	143
06/01/19 03:00 PM	18596	229	1.47	ND	ND	ND	ND	ND	ND	ND	11.4	162
06/01/19 03:30 PM	17741	230	1.47	ND	ND	ND	ND	ND	ND	ND	12.5	170
06/01/19 04:00 PM	17756	230	1.48	ND	ND	ND	ND	ND	ND	ND	11.3	152
06/01/19 04:30 PM	17887	231	1.48	ND	ND	ND	ND	ND	ND	ND	10.7	151
06/01/19 05:00 PM	18179	232	1.48	ND	ND	ND	ND	ND	ND	ND	11.0	164
06/01/19 05:30 PM	18495	228	1.48	ND	ND	ND	ND	ND	ND	ND	10.3	168
06/01/19 06:00 PM	19126	225	1.48	ND	ND	ND	ND	ND	ND	ND	10.5	164
06/01/19 06:30 PM	19057	227	1.47	ND	0.00200	ND	ND	ND	ND	ND	11.0	150
06/01/19 07:00 PM	19107	225	1.47	ND	ND	ND	ND	ND	ND	ND	10.1	137
06/01/19 07:30 PM	19222	225	1.48	ND	ND	ND	ND	ND	ND	ND	10.8	142
06/01/19 08:00 PM	19547	217	1.47	ND	ND	ND	ND	ND	ND	ND	10.5	144
06/01/19 08:30 PM	19389	215	1.49	ND	ND	ND	ND	ND	ND	ND	9.9	129
06/01/19 09:00 PM	19185	212	1.46	ND	ND	ND	ND	ND	ND	ND	8.5	128
06/01/19 09:30 PM	18922	210	1.44	ND	ND	ND	ND	ND	ND	ND	7.8	126
06/01/19 10:00 PM	18930	208	1.43	ND	ND	ND	ND	ND	ND	ND	7.4	127
06/01/19 10:30 PM	18925	207	1.44	ND	0.00150	ND	ND	ND	ND	ND	7.6	130
06/01/19 11:00 PM	18671	207	1.42	ND	ND	ND	ND	ND	ND	ND	7.5	129
06/01/19 11:30 PM	18775	202	1.41	ND	ND	ND	ND	ND	ND	ND	7.8	131
06/02/19 12:00 AM	18456	197	1.39	ND	ND	ND	ND	ND	ND	ND	7.8	131

Daily Processed Summary (Average, Maximum)

Average	17995	210	1.48	BDL	0.00023	BDL	0.00008	BDL	0.00014	BDL	4.8	133
Maximum Value	19854	232	1.64	BDL	0.00200	BDL	0.00370	BDL	0.00328	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/02/19 12:30 AM	18421	196	1.38	ND	ND	ND	ND	ND	ND	ND	6.9	130
06/02/19 01:00 AM	18401	197	1.38	ND	ND	ND	ND	ND	ND	ND	9.6	142
06/02/19 01:30 AM	18075	199	1.38	ND	ND	ND	ND	ND	ND	ND	7.8	174
06/02/19 02:00 AM	18213	197	1.37	ND	ND	ND	ND	ND	ND	ND	9.8	187
06/02/19 02:30 AM	18324	198	1.39	ND	ND	ND	ND	ND	ND	ND	8.8	175
06/02/19 03:00 AM	18566	200	1.39	ND	ND	ND	ND	ND	ND	ND	7.7	173
06/02/19 03:30 AM	18571	199	1.38	ND	ND	ND	ND	ND	ND	ND	8.0	164
06/02/19 04:00 AM	18321	198	1.39	ND	ND	ND	ND	ND	ND	ND	8.1	152
06/02/19 04:30 AM	18188	197	1.37	ND	ND	ND	ND	ND	ND	ND	7.8	159
06/02/19 05:00 AM	18010	197	1.38	ND	ND	ND	ND	ND	ND	ND	5.4	151
06/02/19 05:30 AM	17594	198	1.37	ND	0.00144	ND	ND	ND	ND	ND	3.9	148
06/02/19 06:00 AM	17666	198	1.42	ND	ND	ND	ND	ND	ND	ND	3.0	37
06/02/19 06:30 AM	17226	196	1.50	ND	ND	ND	ND	ND	ND	ND	3.8	25
06/02/19 07:00 AM	16868	191	1.70	ND	ND	ND	ND	ND	ND	ND	4.6	29
06/02/19 07:30 AM	17245	203	1.71	ND	ND	ND	ND	ND	ND	ND	2.7	40
06/02/19 08:00 AM	18178	213	1.53	ND	ND	ND	ND	ND	ND	ND	2.8	51
06/02/19 08:30 AM	18655	218	1.47	ND	ND	ND	ND	ND	ND	ND	3.6	147
06/02/19 09:00 AM	18850	218	1.48	ND	ND	ND	ND	ND	ND	ND	6.8	108
06/02/19 09:30 AM	18997	221	1.46	ND	ND	ND	ND	ND	ND	ND	7.0	119
06/02/19 10:00 AM	18784	223	1.46	ND	ND	ND	ND	ND	ND	ND	5.6	120
06/02/19 10:30 AM	18551	226	1.47	ND	0.00103	ND	ND	ND	ND	ND	4.1	125
06/02/19 11:00 AM	18299	229	1.47	ND	ND	ND	ND	ND	ND	ND	4.1	68
06/02/19 11:30 AM	18194	231	1.48	ND	0.00107	ND	ND	ND	ND	ND	4.7	98
06/02/19 12:00 PM	18248	231	1.48	ND	0.00113	ND	ND	ND	ND	ND	5.7	91
06/02/19 12:30 PM	18141	232	1.48	ND	ND	ND	ND	ND	ND	ND	4.6	114
06/02/19 01:00 PM	18526	226	1.46	ND	ND	ND	ND	ND	ND	ND	10.5	142
06/02/19 01:30 PM	18633	223	1.46	ND	ND	ND	ND	ND	ND	ND	10.2	154
06/02/19 02:00 PM	17669	227	1.46	ND	ND	ND	ND	ND	0.00256	ND	8.6	134
06/02/19 02:30 PM	18178	227	1.48	ND	ND	ND	ND	ND	ND	ND	11.5	161
06/02/19 03:00 PM	18361	227	1.47	ND	ND	ND	ND	ND	ND	ND	11.2	152
06/02/19 03:30 PM	17975	226	1.46	ND	ND	ND	ND	ND	ND	ND	13.2	154
06/02/19 04:00 PM	18443	226	1.47	ND	ND	ND	ND	ND	ND	ND	13.9	167
06/02/19 04:30 PM	18604	225	1.46	ND	ND	ND	ND	ND	ND	ND	13.1	161
06/02/19 05:00 PM	18211	223	1.45	ND	0.00116	ND	ND	ND	ND	ND	11.3	150
06/02/19 05:30 PM	18276	225	1.45	ND	ND	ND	ND	ND	ND	ND	10.8	136
06/02/19 06:00 PM	18799	226	1.47	ND	ND	ND	ND	ND	ND	ND	10.7	142
06/02/19 06:30 PM	18723	227	1.47	ND	ND	ND	ND	ND	ND	ND	10.4	133
06/02/19 07:00 PM	18886	227	1.47	ND	ND	ND	ND	ND	ND	ND	11.6	134
06/02/19 07:30 PM	19172	223	1.47	ND	ND	ND	ND	ND	ND	ND	12.0	136
06/02/19 08:00 PM	18917	219	1.45	ND	ND	ND	ND	ND	ND	ND	10.7	135
06/02/19 08:30 PM	18683	216	1.44	ND	ND	ND	ND	ND	ND	ND	10.8	133
06/02/19 09:00 PM	18732	212	1.43	ND	ND	ND	ND	ND	ND	ND	9.7	132
06/02/19 09:30 PM	18695	210	1.42	ND	ND	ND	ND	ND	ND	ND	9.4	131
06/02/19 10:00 PM	18711	208	1.43	ND	0.00119	ND	ND	ND	ND	ND	8.1	127
06/02/19 10:30 PM	18564	206	1.41	ND	ND	ND	ND	ND	ND	ND	8.8	134
06/02/19 11:00 PM	18906	205	1.41	ND	ND	ND	ND	ND	ND	ND	9.4	138
06/02/19 11:30 PM	18816	203	1.39	ND	ND	ND	ND	ND	ND	ND	11.9	146
06/03/19 12:00 AM	18635	195	1.38	ND	ND	ND	ND	ND	ND	ND	12.0	146

Daily Processed Summary (Average, Maximum)

Average	18371	213	1.45	BDL	0.00015	BDL	BDL	BDL	0.00005	BDL	7.4	141
Maximum Value	19172	232	1.71	BDL	0.00144	BDL	BDL	BDL	0.00256	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/03/19 12:30 AM	18667	193	1.36	ND	ND	ND	ND	ND	ND	ND	10.9	161
06/03/19 01:00 AM	18516	195	1.37	ND	ND	ND	ND	ND	ND	ND	11.3	182
06/03/19 01:30 AM	18748	195	1.36	ND	ND	ND	ND	ND	ND	ND	9.1	186
06/03/19 02:00 AM	18542	194	1.36	ND	ND	ND	ND	ND	ND	ND	8.3	190
06/03/19 02:30 AM	18633	194	1.37	ND	ND	ND	ND	ND	ND	ND	7.5	192
06/03/19 03:00 AM	18795	195	1.38	ND	ND	ND	ND	ND	ND	ND	6.4	196
06/03/19 03:30 AM	18742	196	1.41	ND	ND	ND	ND	ND	ND	ND	6.0	194
06/03/19 04:00 AM	18680	195	1.40	ND	ND	ND	ND	ND	ND	ND	4.9	209
06/03/19 04:30 AM	18559	194	1.45	ND	ND	ND	ND	ND	ND	ND	4.6	209
06/03/19 05:00 AM	18390	194	1.44	ND	ND	ND	ND	ND	ND	ND	4.5	209
06/03/19 05:30 AM	18185	188	1.49	ND	ND	ND	ND	ND	ND	ND	3.0	183
06/03/19 06:00 AM	18274	191	1.57	ND	ND	ND	ND	ND	ND	ND	1.6	155
06/03/19 06:30 AM	18230	192	1.53	ND	ND	ND	ND	ND	ND	ND	2.2	80
06/03/19 07:00 AM	18054	191	1.42	ND	ND	ND	ND	ND	ND	ND	2.4	137
06/03/19 07:30 AM	18375	204	1.48	ND	ND	ND	ND	ND	ND	ND	4.0	49
06/03/19 08:00 AM	18837	212	1.50	ND	ND	ND	ND	ND	ND	ND	4.2	49
06/03/19 08:30 AM	19445	216	1.49	ND	0.00123	ND	ND	ND	ND	ND	4.4	45
06/03/19 09:00 AM	19681	217	1.48	ND	0.00099	ND	ND	ND	ND	ND	4.2	50
06/03/19 09:30 AM	19297	221	1.46	ND	ND	0.00383	ND	ND	ND	ND	4.6	56
06/03/19 10:00 AM	19495	225	1.48	ND	ND	ND	ND	ND	ND	ND	4.5	87
06/03/19 10:30 AM	19423	219	1.45	ND	ND	ND	ND	ND	ND	ND	4.6	197
06/03/19 11:00 AM	19233	223	1.48	ND	ND	ND	ND	ND	ND	ND	6.1	114
06/03/19 11:30 AM	18667	223	1.45	ND	ND	ND	ND	ND	ND	ND	8.7	133
06/03/19 12:00 PM	18305	220	1.44	ND	ND	ND	ND	ND	ND	ND	9.3	128
06/03/19 12:30 PM	18255	218	1.44	ND	ND	ND	ND	ND	ND	ND	9.4	122
06/03/19 01:00 PM	17987	221	1.44	ND	ND	ND	ND	ND	ND	ND	11.0	117
06/03/19 01:30 PM	18364	216	1.43	ND	ND	ND	ND	ND	ND	ND	12.6	146
06/03/19 02:00 PM	17892	217	1.42	ND	ND	ND	ND	ND	ND	ND	13.0	142
06/03/19 02:30 PM	17467	219	1.43	ND	ND	ND	ND	ND	ND	ND	12.6	148
06/03/19 03:00 PM	17774	218	1.44	ND	ND	ND	ND	ND	ND	ND	13.3	147
06/03/19 03:30 PM	17573	219	1.44	ND	ND	ND	ND	ND	ND	ND	13.1	144
06/03/19 04:00 PM	17766	218	1.44	ND	ND	ND	ND	ND	0.00575	ND	15.4	146
06/03/19 04:30 PM	18233	217	1.44	ND	ND	ND	ND	ND	ND	ND	14.2	146
06/03/19 05:00 PM	18445	215	1.42	ND	ND	ND	ND	ND	ND	ND	15.4	148
06/03/19 05:30 PM	18217	213	1.42	ND	ND	ND	ND	ND	ND	ND	15.8	139
06/03/19 06:00 PM	17731	213	1.42	ND	ND	ND	ND	ND	ND	ND	15.7	146
06/03/19 06:30 PM	18157	213	1.43	ND	ND	ND	ND	ND	ND	ND	15.4	152
06/03/19 07:00 PM	17563	215	1.43	ND	ND	ND	ND	ND	ND	ND	13.9	147
06/03/19 07:30 PM	18289	212	1.43	ND	ND	ND	ND	ND	ND	ND	11.9	141
06/03/19 08:00 PM	18409	207	1.40	ND	ND	ND	ND	ND	ND	ND	8.7	138
06/03/19 08:30 PM	18457	203	1.39	ND	ND	ND	ND	ND	ND	ND	9.0	129
06/03/19 09:00 PM	18121	201	1.38	ND	ND	ND	ND	ND	ND	ND	8.7	130
06/03/19 09:30 PM	18002	199	1.38	ND	ND	ND	ND	ND	ND	ND	8.4	130
06/03/19 10:00 PM	17953	197	1.38	ND	ND	ND	ND	ND	ND	ND	9.4	130
06/03/19 10:30 PM	17872	197	1.38	ND	ND	ND	ND	ND	ND	ND	8.9	129
06/03/19 11:00 PM	17866	196	1.37	ND	ND	ND	ND	ND	ND	ND	9.2	131
06/03/19 11:30 PM	17733	197	1.37	ND	ND	ND	ND	ND	ND	ND	9.5	132
06/04/19 12:00 AM	17622	196	1.37	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	18365	207	1.43	BDL	0.00005	BDL	0.00008	BDL	0.00012	BDL	7.7	144
Maximum Value	19681	225	1.57	BDL	0.00123	BDL	0.00383	BDL	0.00575	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/04/19 12:30 AM	17406	197	1.37	ND	ND	ND	ND	ND	ND	ND	8.5	129
06/04/19 01:00 AM	17541	197	1.39	ND	ND	ND	ND	ND	ND	ND	6.9	121
06/04/19 01:30 AM	17704	196	1.46	ND	ND	ND	ND	ND	ND	ND	5.9	113
06/04/19 02:00 AM	17421	196	1.40	ND	ND	ND	ND	ND	ND	ND	5.9	108
06/04/19 02:30 AM	17359	194	1.67	ND	ND	ND	ND	ND	ND	ND	5.5	97
06/04/19 03:00 AM	17272	193	1.48	ND	ND	ND	ND	ND	ND	ND	5.2	107
06/04/19 03:30 AM	17152	193	1.65	ND	ND	ND	ND	ND	ND	ND	4.7	91
06/04/19 04:00 AM	16932	191	1.46	ND	ND	ND	ND	ND	ND	ND	4.2	99
06/04/19 04:30 AM	16777	191	1.44	ND	ND	ND	ND	ND	ND	ND	4.9	71
06/04/19 05:00 AM	16676	189	1.48	ND	ND	ND	ND	ND	ND	ND	5.2	85
06/04/19 05:30 AM	16334	185	1.38	ND	ND	ND	ND	ND	ND	ND	5.0	71
06/04/19 06:00 AM	15870	177	1.36	ND	ND	ND	ND	ND	ND	ND	4.9	53
06/04/19 06:30 AM	15499	167	1.37	ND	ND	ND	ND	ND	ND	ND	5.6	68
06/04/19 07:00 AM	15972	178	1.40	ND	ND	ND	ND	ND	ND	ND	5.6	53
06/04/19 07:30 AM	17026	196	1.49	ND	ND	ND	ND	ND	ND	ND	6.1	65
06/04/19 08:00 AM	17916	207	1.51	ND	ND	ND	ND	ND	ND	ND	5.7	73
06/04/19 08:30 AM	18618	212	1.50	ND	ND	ND	ND	ND	ND	ND	5.2	69
06/04/19 09:00 AM	19145	213	1.50	ND	ND	ND	ND	ND	ND	ND	6.4	88
06/04/19 09:30 AM	18778	212	1.46	ND	ND	ND	ND	ND	ND	ND	5.8	97
06/04/19 10:00 AM	18449	215	1.45	ND	ND	ND	ND	ND	ND	ND	8.6	106
06/04/19 10:30 AM	17659	217	1.43	ND	ND	ND	ND	ND	ND	ND	9.6	117
06/04/19 11:00 AM	17955	216	1.43	ND	ND	ND	ND	ND	ND	ND	9.4	110
06/04/19 11:30 AM	17555	216	1.44	ND	ND	ND	ND	ND	ND	ND	10.9	123
06/04/19 12:00 PM	17540	216	1.43	ND	ND	ND	ND	ND	ND	ND	12.6	126
06/04/19 12:30 PM	18159	215	1.42	ND	ND	ND	ND	ND	ND	ND	12.9	124
06/04/19 01:00 PM	18393	215	1.42	ND	ND	ND	ND	ND	ND	ND	14.8	132
06/04/19 01:30 PM	18420	214	1.42	ND	ND	ND	ND	ND	ND	ND	15.8	126
06/04/19 02:00 PM	18616	205	1.40	ND	ND	ND	ND	ND	ND	ND	18.9	139
06/04/19 02:30 PM	16247	157	1.22	ND	ND	ND	ND	ND	ND	ND	17.6	147
06/04/19 03:00 PM	15481	160	1.24	ND	ND	ND	ND	ND	ND	ND	14.6	141
06/04/19 03:30 PM	17993	214	1.44	ND	ND	ND	ND	ND	ND	ND	11.2	132
06/04/19 04:00 PM	18957	229	1.49	ND	0.00130	ND	ND	ND	ND	ND	8.0	127
06/04/19 04:30 PM	19660	241	1.52	ND	0.00074	ND	ND	ND	ND	ND	9.3	113
06/04/19 05:00 PM	19397	231	1.49	ND	0.00074	ND	ND	ND	ND	ND	10.1	126
06/04/19 05:30 PM	18979	199	1.35	ND	ND	ND	ND	ND	ND	ND	12.0	130
06/04/19 06:00 PM	19448	232	1.47	ND	ND	ND	ND	ND	ND	ND	10.8	126
06/04/19 06:30 PM	20261	244	1.54	ND	ND	ND	ND	ND	ND	ND	9.3	101
06/04/19 07:00 PM	19921	239	1.55	ND	ND	ND	ND	ND	ND	ND	9.1	91
06/04/19 07:30 PM	16975	172	1.32	ND	ND	ND	ND	ND	ND	ND	8.7	100
06/04/19 08:00 PM	18716	220	1.44	ND	ND	ND	ND	0.00550	ND	ND	10.4	131
06/04/19 08:30 PM	19360	236	1.48	ND	0.00093	ND	ND	ND	ND	ND	8.8	128
06/04/19 09:00 PM	19522	239	1.50	ND	ND	ND	0.00306	ND	ND	ND	8.4	115
06/04/19 09:30 PM	19532	241	1.50	ND	ND	ND	ND	ND	ND	ND	7.0	104
06/04/19 10:00 PM	19578	241	1.51	ND	ND	ND	ND	ND	ND	ND	7.4	101
06/04/19 10:30 PM	19540	242	1.50	ND	ND	ND	ND	ND	ND	ND	7.6	108
06/04/19 11:00 PM	19455	243	1.50	ND	ND	ND	ND	ND	ND	ND	7.9	109
06/04/19 11:30 PM	19770	242	1.57	ND	ND	ND	ND	ND	ND	ND	7.4	98
06/05/19 12:00 AM	19746	231	1.53	ND	ND	ND	ND	ND	ND	ND	6.9	103

Daily Processed Summary (Average, Maximum)

Average	18100	210	1.45	BDL	0.00006	BDL	0.00006	0.00011	BDL	BDL	8.0	114
Maximum Value	20261	244	1.67	BDL	0.00130	BDL	0.00306	0.00550	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/05/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	113
06/05/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	109
06/05/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	136
06/05/19 02:00 AM	16308	168	1.19	ND	ND	ND	ND	ND	ND	ND	10.9	142
06/05/19 02:30 AM	19343	220	1.46	ND	0.00409	ND	ND	ND	ND	ND	14.8	166
06/05/19 03:00 AM	20033	235	1.48	ND	ND	ND	ND	ND	ND	ND	11.8	172
06/05/19 03:30 AM	20382	241	1.50	ND	0.00130	ND	ND	ND	ND	ND	11.2	182
06/05/19 04:00 AM	20871	246	1.50	ND	ND	ND	ND	ND	ND	ND	11.6	182
06/05/19 04:30 AM	20957	246	1.51	ND	ND	ND	ND	ND	ND	ND	11.0	224
06/05/19 05:00 AM	20704	234	1.49	ND	ND	ND	ND	ND	ND	ND	10.9	216
06/05/19 05:30 AM	18157	196	1.38	ND	ND	ND	ND	ND	ND	ND	10.0	235
06/05/19 06:00 AM	18067	201	1.41	ND	ND	ND	ND	ND	ND	ND	8.6	252
06/05/19 06:30 AM	12634	109	1.01	ND	ND	ND	ND	ND	ND	ND	11.2	245
06/05/19 07:00 AM	15132	143	1.19	ND	ND	ND	ND	ND	ND	ND	6.8	257
06/05/19 07:30 AM	17763	206	1.42	ND	ND	ND	ND	ND	ND	ND	3.9	268
06/05/19 08:00 AM	18130	224	1.46	ND	ND	ND	ND	ND	ND	ND	1.5	156
06/05/19 08:30 AM	18698	235	1.50	ND	ND	ND	ND	ND	ND	ND	4.3	115
06/05/19 09:00 AM	19440	250	1.55	ND	ND	ND	ND	ND	ND	ND	6.4	29
06/05/19 09:30 AM	19616	257	1.58	ND	0.00178	ND	ND	ND	ND	ND	6.5	28
06/05/19 10:00 AM	19028	242	1.59	ND	ND	ND	ND	ND	ND	ND	7.1	20
06/05/19 10:30 AM	19659	253	1.58	ND	ND	ND	ND	ND	ND	ND	6.2	120
06/05/19 11:00 AM	19923	264	1.59	ND	ND	ND	ND	ND	ND	ND	5.5	317
06/05/19 11:30 AM	20291	264	1.58	ND	ND	ND	ND	ND	ND	ND	7.6	303
06/05/19 12:00 PM	20342	263	1.59	ND	0.00217	ND	ND	ND	ND	ND	7.1	331
06/05/19 12:30 PM	20404	256	1.58	ND	ND	ND	ND	ND	ND	ND	8.9	325
06/05/19 01:00 PM	21053	267	1.60	ND	ND	ND	ND	ND	ND	ND	8.6	288
06/05/19 01:30 PM	20835	269	1.61	ND	ND	ND	ND	ND	ND	ND	6.4	335
06/05/19 02:00 PM	21466	272	1.60	ND	ND	ND	ND	ND	ND	ND	10.2	129
06/05/19 02:30 PM	20908	267	1.59	ND	ND	ND	ND	ND	ND	ND	7.0	63
06/05/19 03:00 PM	21004	277	1.61	ND	ND	ND	ND	ND	ND	ND	7.3	334
06/05/19 03:30 PM	21177	276	1.61	ND	ND	ND	ND	ND	ND	ND	6.4	323
06/05/19 04:00 PM	21243	270	1.60	ND	ND	ND	ND	ND	ND	ND	4.3	330
06/05/19 04:30 PM	20929	271	1.60	ND	ND	ND	ND	ND	ND	ND	4.2	287
06/05/19 05:00 PM	20776	272	1.61	ND	ND	ND	ND	ND	ND	ND	3.8	251
06/05/19 05:30 PM	20784	275	1.60	ND	ND	ND	ND	ND	ND	ND	4.4	303
06/05/19 06:00 PM	20742	265	1.58	ND	ND	ND	ND	ND	ND	ND	4.6	326
06/05/19 06:30 PM	21268	271	1.60	ND	ND	ND	ND	ND	ND	ND	4.2	343
06/05/19 07:00 PM	20553	270	1.59	ND	ND	ND	ND	ND	ND	ND	3.1	73
06/05/19 07:30 PM	19964	272	1.61	ND	ND	ND	ND	ND	ND	ND	4.0	117
06/05/19 08:00 PM	20725	277	1.64	ND	ND	ND	ND	ND	ND	ND	4.6	50
06/05/19 08:30 PM	21761	280	1.65	ND	ND	ND	ND	ND	ND	ND	4.5	44
06/05/19 09:00 PM	21828	274	1.62	ND	ND	ND	ND	ND	ND	ND	3.6	58
06/05/19 09:30 PM	21481	273	1.61	ND	ND	ND	ND	ND	ND	ND	4.2	49
06/05/19 10:00 PM	21399	272	1.60	ND	ND	ND	ND	ND	ND	ND	4.7	47
06/05/19 10:30 PM	21216	272	1.62	ND	ND	ND	ND	ND	ND	ND	6.4	46
06/05/19 11:00 PM	21066	271	1.62	ND	ND	ND	ND	ND	ND	ND		
06/05/19 11:30 PM	20864	270	1.61	ND	ND	ND	ND	ND	ND	ND		
06/06/19 12:00 AM	20378	269	1.60	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	19985	249	1.54	BDL	0.00019	BDL	BDL	BDL	BDL	BDL	0.9	193
Maximum Value	21828	280	1.65	BDL	0.00409	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/06/19 12:30 AM	20254	269	1.60	ND	0.00145	ND	ND	ND	ND	ND	5.3	37
06/06/19 01:30 AM	20109	270	1.64	ND	ND	ND	ND	ND	ND	ND	3.6	28
06/06/19 01:30 AM	20029	269	1.69	ND	ND	ND	ND	ND	ND	ND	2.4	114
06/06/19 02:00 AM	19822	269	1.65	ND	ND	ND	ND	ND	ND	ND	2.2	54
06/06/19 02:30 AM	19870	270	1.70	ND	ND	ND	ND	0.00550	ND	ND	3.1	65
06/06/19 03:00 AM	19909	270	1.62	ND	ND	ND	ND	ND	ND	ND	4.6	40
06/06/19 03:30 AM	19848	269	1.59	ND	ND	ND	ND	ND	ND	ND	2.1	44
06/06/19 04:00 AM	19747	270	1.60	ND	ND	ND	ND	0.00583	ND	ND	2.3	138
06/06/19 04:30 AM	19887	269	1.61	ND	ND	ND	ND	0.00617	ND	ND	2.8	200
06/06/19 05:00 AM	19535	272	1.82	ND	ND	ND	ND	0.00700	ND	ND	3.6	79
06/06/19 05:30 AM	19355	272	1.92	ND	ND	ND	ND	ND	ND	ND	3.5	28
06/06/19 06:00 AM	19339	268	1.68	ND	ND	ND	ND	ND	ND	ND	5.3	34
06/06/19 06:30 AM	19210	265	1.73	ND	ND	ND	ND	ND	ND	ND	9.1	182
06/06/19 07:00 AM	17961	261	1.62	ND	ND	ND	ND	ND	ND	ND	11.9	70
06/06/19 07:30 AM	17865	267	1.63	ND	ND	ND	ND	ND	ND	ND	5.5	28
06/06/19 08:00 AM	17684	269	1.61	ND	ND	ND	ND	ND	ND	ND	6.7	63
06/06/19 08:30 AM	17638	272	1.63	ND	ND	ND	ND	ND	ND	ND	6.2	83
06/06/19 09:00 AM	18109	272	1.62	ND	ND	ND	ND	ND	ND	ND	7.0	133
06/06/19 09:30 AM	18489	271	1.63	ND	ND	ND	ND	ND	ND	ND	7.5	133
06/06/19 10:00 AM	18937	272	1.64	ND	ND	ND	ND	ND	ND	ND	7.1	147
06/06/19 10:30 AM	19279	276	1.63	ND	ND	ND	ND	ND	ND	ND	7.2	166
06/06/19 11:00 AM	20039	281	1.62	ND	ND	ND	ND	ND	ND	ND	6.2	190
06/06/19 11:30 AM	20189	278	1.63	ND	0.00290	ND	ND	ND	ND	ND	6.5	203
06/06/19 12:00 PM	19912	277	1.61	ND	ND	ND	ND	ND	ND	ND	6.9	213
06/06/19 12:30 PM	20219	278	1.61	ND	ND	ND	ND	ND	ND	ND	5.9	198
06/06/19 01:00 PM	20849	277	1.61	ND	ND	ND	ND	ND	0.00234	ND	6.6	197
06/06/19 01:30 PM	20815	272	1.60	ND	0.00053	ND	ND	ND	0.00133	ND	5.5	221
06/06/19 02:00 PM	21290	282	1.63	ND	ND	ND	ND	ND	ND	ND	6.3	176
06/06/19 02:30 PM	21066	256	1.57	ND	ND	ND	ND	ND	ND	ND	7.2	192
06/06/19 03:00 PM	22005	284	1.62	ND	ND	ND	ND	ND	ND	ND	8.1	199
06/06/19 03:30 PM	21432	284	1.62	ND	ND	ND	ND	ND	ND	ND	8.3	203
06/06/19 04:00 PM	21311	284	1.62	ND	ND	ND	ND	ND	ND	ND	8.3	201
06/06/19 04:30 PM	22972	283	1.62	ND	ND	ND	ND	ND	ND	ND	12.6	176
06/06/19 05:00 PM	23287	280	1.61	ND	ND	ND	ND	ND	ND	ND	13.8	174
06/06/19 05:30 PM	23453	278	1.60	ND	ND	ND	ND	ND	ND	ND	13.7	173
06/06/19 06:00 PM	23323	273	1.58	ND	ND	ND	ND	ND	0.00201	ND	14.9	175
06/06/19 06:30 PM	23255	274	1.60	ND	ND	ND	ND	ND	ND	ND	14.2	175
06/06/19 07:00 PM	22634	269	1.57	ND	ND	ND	ND	ND	ND	ND	15.4	179
06/06/19 07:30 PM	22309	269	1.61	ND	ND	ND	ND	ND	ND	ND	8.8	162
06/06/19 08:00 PM	17421	254	1.54	ND	ND	ND	ND	ND	ND	ND	21.9	126
06/06/19 08:30 PM	13436	166	1.27	ND	ND	ND	ND	ND	ND	ND	11.3	245
06/06/19 09:00 PM	13481	153	1.21	ND	ND	ND	ND	ND	ND	ND	6.8	124
06/06/19 09:30 PM	17069	241	1.56	ND	ND	ND	ND	ND	ND	ND	4.9	62
06/06/19 10:00 PM	17200	247	1.60	ND	ND	ND	ND	ND	ND	ND	4.8	105
06/06/19 10:30 PM	17514	250	1.60	ND	ND	ND	ND	ND	ND	ND	5.2	123
06/06/19 11:00 PM	18490	255	1.54	ND	ND	ND	ND	ND	ND	ND	6.2	136
06/06/19 11:30 PM	19690	257	1.56	ND	ND	ND	ND	ND	ND	ND	8.2	152
06/07/19 12:00 AM	19836	264	1.58	ND	ND	ND	ND	ND	ND	ND	8.9	163

Daily Processed Summary (Average, Maximum)

Average	19737	265	1.61	BDL	0.00010	BDL	BDL	0.00051	0.00012	BDL	4.7	157
Maximum Value	23453	284	1.92	BDL	0.00290	BDL	BDL	0.00700	0.00234	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	WCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/07/19 12:30 AM	20019	265	1.64	ND	0.00054	ND	ND	ND	ND	ND	3.6	156
06/07/19 01:00 AM	19862	264	1.59	ND	ND	ND	ND	ND	ND	ND	5.0	227
06/07/19 01:30 AM	20232	263	1.56	ND	0.00163	ND	ND	ND	ND	ND	7.0	195
06/07/19 02:00 AM	20508	261	1.56	ND	ND	ND	ND	ND	ND	ND	7.7	198
06/07/19 02:30 AM	20791	263	1.59	ND	0.00134	ND	ND	ND	ND	ND	6.8	190
06/07/19 03:00 AM	20663	264	1.57	ND	ND	ND	ND	ND	ND	ND	5.3	196
06/07/19 03:30 AM	20914	264	1.57	ND	0.00058	ND	ND	ND	ND	ND	6.7	190
06/07/19 04:00 AM	21307	263	1.58	ND	ND	ND	ND	ND	ND	ND	6.6	193
06/07/19 04:30 AM	21635	263	1.61	ND	ND	ND	ND	ND	ND	ND	5.9	192
06/07/19 05:00 AM	21821	263	1.60	ND	ND	ND	ND	ND	ND	ND	5.9	188
06/07/19 05:30 AM	22137	262	1.60	ND	ND	ND	ND	ND	ND	ND	6.1	193
06/07/19 06:00 AM	22484	262	1.57	ND	0.00392	ND	ND	ND	ND	ND	5.8	191
06/07/19 06:30 AM	22611	262	1.57	ND	0.00114	ND	ND	ND	ND	ND	6.8	189
06/07/19 07:00 AM	23017	262	1.56	ND	ND	ND	ND	ND	ND	ND	5.0	203
06/07/19 07:30 AM	23130	254	1.54	ND	ND	ND	ND	ND	ND	ND	4.9	238
06/07/19 08:00 AM	21477	213	1.47	ND	ND	ND	ND	ND	ND	ND	6.1	264
06/07/19 08:30 AM	19961	180	1.42	ND	ND	ND	ND	ND	ND	ND	6.6	268
06/07/19 09:00 AM	19819	180	1.49	ND	ND	ND	ND	ND	ND	ND	7.7	273
06/07/19 09:30 AM	20260	191	1.46	ND	ND	ND	ND	ND	ND	ND	8.9	267
06/07/19 10:00 AM	20968	208	1.46	ND	ND	ND	ND	ND	ND	ND	8.1	264
06/07/19 10:30 AM	20910	209	1.46	ND	ND	ND	ND	ND	ND	ND	8.1	274
06/07/19 11:00 AM	21494	225	1.48	ND	0.00111	ND	ND	ND	ND	ND	7.9	260
06/07/19 11:30 AM	22000	244	1.52	ND	0.00079	ND	ND	ND	ND	ND	8.7	263
06/07/19 12:00 PM	21953	242	1.51	ND	ND	ND	ND	ND	ND	ND	8.1	267
06/07/19 12:30 PM	22029	254	1.52	ND	ND	ND	ND	ND	ND	ND	7.7	263
06/07/19 01:00 PM	22001	260	1.53	ND	ND	ND	ND	ND	ND	ND	7.6	248
06/07/19 01:30 PM	22094	263	1.54	ND	ND	ND	ND	ND	ND	ND	7.0	250
06/07/19 02:00 PM	22130	263	1.54	ND	ND	ND	ND	ND	ND	ND	7.3	255
06/07/19 02:30 PM	22218	264	1.55	ND	ND	ND	ND	ND	ND	ND	7.3	252
06/07/19 03:00 PM	22152	261	1.55	ND	ND	ND	ND	ND	ND	ND	6.8	282
06/07/19 03:30 PM	22201	267	1.56	ND	ND	ND	ND	ND	ND	ND	5.7	271
06/07/19 04:00 PM	22278	271	1.57	ND	ND	ND	ND	ND	ND	ND	5.1	267
06/07/19 04:30 PM	21663	271	1.57	ND	ND	ND	ND	ND	ND	ND	5.0	277
06/07/19 05:00 PM	20017	281	1.65	ND	ND	ND	ND	ND	ND	ND	8.3	332
06/07/19 05:30 PM	19978	282	1.71	ND	ND	ND	ND	ND	ND	ND	8.5	336
06/07/19 06:00 PM	19510	282	1.70	ND	ND	ND	ND	ND	ND	ND	7.6	340
06/07/19 06:30 PM	19424	284	1.65	ND	ND	ND	ND	ND	ND	ND	7.7	341
06/07/19 07:00 PM	19611	284	1.65	ND	ND	ND	ND	ND	ND	ND	6.9	346
06/07/19 07:30 PM	20237	284	1.68	ND	0.00282	ND	ND	ND	ND	ND	5.1	180
06/07/19 08:00 PM	20967	284	1.72	ND	ND	ND	ND	ND	ND	ND	4.0	15
06/07/19 08:30 PM	21283	283	1.87	ND	0.00040	ND	ND	ND	ND	ND	4.2	36
06/07/19 09:00 PM	21525	282	1.70	ND	ND	ND	ND	ND	ND	ND	4.2	53
06/07/19 09:30 PM	22822	277	1.76	ND	0.00061	ND	ND	ND	ND	ND	5.1	87
06/07/19 10:00 PM	24024	273	1.77	ND	0.00057	ND	ND	ND	ND	ND	3.3	103
06/07/19 10:30 PM	23879	270	2.06	ND	ND	ND	ND	ND	ND	ND	1.6	109
06/07/19 11:00 PM	23512	270	1.76	ND	ND	ND	ND	ND	ND	ND	1.9	150
06/07/19 11:30 PM	22952	271	1.72	ND	0.00060	ND	ND	ND	ND	ND	4.5	243
06/08/19 12:00 AM	20009	275	1.67	ND	0.00062	ND	0.00180	ND	ND	ND	5.8	50

Daily Processed Summary (Average, Maximum)

Average	21427	258	1.60	BDL	0.00035	BDL	0.00004	BDL	BDL	BDL	3.3	249
Maximum Value	24024	284	2.06	BDL	0.00392	BDL	0.00180	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/08/19 12:30 AM	18927	274	2.08	ND	ND	ND	ND	ND	ND	ND	5.0	75
06/08/19 01:00 AM	18916	275	1.93	ND	ND	ND	ND	ND	ND	ND	4.3	69
06/08/19 01:30 AM	18894	275	1.93	ND	ND	ND	ND	ND	ND	ND	4.0	70
06/08/19 02:00 AM	18917	275	1.70	ND	0.00051	ND	ND	ND	ND	ND	3.7	65
06/08/19 02:30 AM	19132	278	1.79	ND	ND	ND	ND	ND	ND	ND	3.2	55
06/08/19 03:00 AM	18952	277	1.82	ND	ND	ND	ND	ND	ND	ND	4.1	75
06/08/19 03:30 AM	18565	274	1.67	ND	0.00052	ND	ND	ND	ND	ND	4.4	68
06/08/19 04:00 AM	18722	277	1.90	ND	ND	ND	ND	ND	0.00309	ND	2.2	94
06/08/19 04:30 AM	18518	277	1.82	ND	ND	ND	ND	ND	ND	ND	2.4	119
06/08/19 05:00 AM	18465	276	1.94	ND	0.00045	ND	ND	ND	ND	ND	2.8	100
06/08/19 05:30 AM	18382	281	1.88	ND	0.00158	ND	ND	ND	ND	ND	2.9	63
06/08/19 06:00 AM	18241	278	1.82	ND	0.00046	ND	ND	ND	ND	ND	4.5	65
06/08/19 06:30 AM	17948	280	1.82	ND	ND	ND	ND	ND	ND	ND	4.1	50
06/08/19 07:00 AM	17888	281	1.84	ND	ND	ND	ND	ND	ND	ND	3.4	45
06/08/19 07:30 AM	18202	284	1.95	ND	ND	ND	ND	ND	ND	ND	2.4	115
06/08/19 08:00 AM	18695	281	1.86	ND	ND	ND	ND	ND	ND	ND	2.6	291
06/08/19 08:30 AM	18847	278	1.86	ND	0.00049	ND	ND	ND	ND	ND	2.7	352
06/08/19 09:00 AM	18781	279	1.85	ND	ND	ND	ND	ND	ND	ND	2.7	241
06/08/19 09:30 AM	17290	281	1.79	ND	ND	ND	ND	ND	ND	ND	3.8	39
06/08/19 10:00 AM	16496	280	1.69	ND	0.00078	ND	ND	ND	ND	ND	5.2	32
06/08/19 10:30 AM	16114	280	1.67	ND	ND	ND	ND	ND	ND	ND	5.4	19
06/08/19 11:00 AM	15887	280	1.64	ND	ND	ND	ND	ND	ND	ND	5.1	138
06/08/19 11:30 AM	16135	280	1.66	ND	ND	ND	ND	ND	ND	ND	5.5	319
06/08/19 12:00 PM	15874	281	1.65	ND	ND	ND	ND	ND	ND	ND	4.6	331
06/08/19 12:30 PM	16642	280	1.68	ND	ND	ND	ND	ND	ND	ND	4.8	314
06/08/19 01:00 PM	16933	281	1.65	ND	ND	ND	ND	ND	ND	ND	6.6	335
06/08/19 01:30 PM	16862	281	1.66	ND	ND	ND	ND	ND	ND	ND	7.0	342
06/08/19 02:00 PM	16820	282	1.55	ND	0.00045	ND	ND	ND	ND	ND	4.7	182
06/08/19 02:30 PM	16979	282	1.65	ND	ND	ND	ND	ND	ND	ND	5.4	331
06/08/19 03:00 PM	17187	283	1.75	ND	0.00105	ND	ND	ND	ND	ND	7.0	347
06/08/19 03:30 PM	16799	284	1.74	ND	0.00038	ND	ND	ND	ND	ND	7.2	336
06/08/19 04:00 PM	17045	284	1.69	ND	0.00080	ND	ND	ND	ND	ND	6.1	334
06/08/19 04:30 PM	17274	285	1.67	ND	0.00094	ND	ND	ND	ND	ND	4.8	277
06/08/19 05:00 PM	17976	285	1.67	ND	ND	ND	ND	ND	ND	ND	4.1	333
06/08/19 05:30 PM	18129	283	1.66	ND	ND	ND	ND	ND	ND	ND	4.1	320
06/08/19 06:00 PM	17848	284	1.66	ND	ND	ND	ND	ND	ND	ND	3.7	252
06/08/19 06:30 PM	17735	286	1.68	ND	ND	ND	ND	ND	ND	ND	4.1	91
06/08/19 07:00 PM	17766	286	1.69	ND	ND	ND	ND	ND	ND	ND	4.2	34
06/08/19 07:30 PM	18639	284	1.72	ND	ND	ND	ND	ND	ND	ND	3.2	48
06/08/19 08:00 PM	19759	282	1.82	ND	ND	ND	ND	ND	ND	ND	3.0	85
06/08/19 08:30 PM	19667	282	1.70	ND	ND	ND	ND	ND	ND	ND	3.7	79
06/08/19 09:00 PM	19807	279	1.90	ND	ND	ND	ND	ND	ND	ND	4.0	99
06/08/19 09:30 PM	19541	277	1.85	ND	ND	ND	ND	ND	ND	ND	5.3	94
06/08/19 10:00 PM	19980	276	1.71	ND	ND	ND	ND	ND	ND	ND	3.7	176
06/08/19 10:30 PM	20638	275	1.68	ND	ND	ND	ND	ND	ND	ND	4.9	188
06/08/19 11:00 PM	20769	274	1.70	ND	ND	ND	ND	ND	ND	ND	5.4	194
06/08/19 11:30 PM	20542	274	1.80	ND	ND	ND	ND	ND	ND	ND	5.5	194
06/09/19 12:00 AM	20288	275	1.78	ND	ND	ND	ND	ND	ND	ND	4.3	190

Daily Processed Summary (Average, Maximum)

Average	18217	280	1.77	BDL	0.00017	BDL	BDL	BDL	0.00006	BDL	1.4	32
Maximum Value	20769	286	2.08	BDL	0.00158	BDL	BDL	BDL	0.00309	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/09/19 12:30 AM	21285	273	1.68	ND	ND	ND	ND	ND	ND	ND	5.2	194
06/09/19 01:00 AM	21813	271	1.65	ND	ND	ND	ND	0.00750	ND	ND	5.6	199
06/09/19 01:30 AM	22252	271	1.65	ND	ND	ND	ND	ND	ND	ND	5.6	201
06/09/19 02:00 AM	22409	266	1.62	ND	ND	ND	ND	ND	ND	ND	6.7	200
06/09/19 02:30 AM	22488	267	1.62	ND	0.00061	ND	ND	ND	ND	ND	5.6	197
06/09/19 03:00 AM	22716	267	1.61	ND	ND	ND	ND	ND	ND	ND	6.9	190
06/09/19 03:30 AM	22823	267	1.65	ND	ND	ND	ND	ND	ND	ND	6.1	186
06/09/19 04:00 AM	22718	266	1.66	ND	0.00049	ND	ND	ND	ND	ND	4.4	193
06/09/19 04:30 AM	22992	265	1.64	ND	0.00056	ND	ND	ND	ND	ND	4.8	193
06/09/19 05:00 AM	23217	265	1.62	ND	ND	ND	ND	ND	ND	ND	5.3	185
06/09/19 05:30 AM	23062	262	1.66	ND	ND	ND	ND	ND	ND	ND	3.4	177
06/09/19 06:00 AM	22970	262	1.68	ND	ND	ND	ND	ND	ND	ND	3.1	185
06/09/19 06:30 AM	23066	263	1.63	ND	ND	ND	ND	ND	ND	ND	3.8	189
06/09/19 07:00 AM	23201	263	1.64	ND	0.00148	ND	ND	ND	ND	ND	3.6	182
06/09/19 07:30 AM	23475	262	1.75	ND	ND	ND	ND	ND	ND	ND	2.6	166
06/09/19 08:00 AM	23974	267	1.66	ND	ND	ND	ND	0.00433	ND	ND	3.8	183
06/09/19 08:30 AM	23904	270	1.63	ND	ND	ND	ND	ND	ND	ND	5.3	192
06/09/19 09:00 AM	23950	268	1.59	ND	ND	ND	ND	ND	ND	ND	5.5	202
06/09/19 09:30 AM	23868	270	1.60	ND	ND	ND	0.00242	ND	ND	ND	5.6	201
06/09/19 10:00 AM	23570	273	1.61	ND	0.00052	ND	ND	ND	ND	ND	6.1	204
06/09/19 10:30 AM	23262	271	1.60	ND	0.00078	ND	0.00165	ND	ND	ND	5.7	213
06/09/19 11:00 AM	22690	273	1.61	ND	0.00480	ND	ND	ND	ND	ND	6.5	193
06/09/19 11:30 AM	21729	278	1.63	ND	0.00478	ND	ND	ND	ND	ND	6.7	183
06/09/19 12:00 PM	21698	278	1.65	ND	ND	ND	ND	ND	ND	ND	6.5	166
06/09/19 12:30 PM	20794	276	1.63	ND	ND	ND	ND	ND	ND	ND	7.6	171
06/09/19 01:00 PM	20281	279	1.64	ND	0.00132	ND	ND	ND	ND	ND	8.4	186
06/09/19 01:30 PM	19815	281	1.66	ND	ND	ND	ND	ND	ND	ND	7.5	183
06/09/19 02:00 PM	19977	281	1.65	ND	ND	ND	ND	ND	ND	ND	7.0	192
06/09/19 02:30 PM	20033	281	1.66	ND	ND	ND	ND	ND	ND	ND	6.5	195
06/09/19 03:00 PM	19930	282	1.66	ND	0.00048	ND	ND	0.00267	ND	ND	7.4	180
06/09/19 03:30 PM	20354	285	1.69	ND	ND	ND	ND	ND	ND	ND	8.6	167
06/09/19 04:00 PM	20518	285	1.70	ND	ND	ND	ND	ND	ND	ND	8.2	148
06/09/19 04:30 PM	20313	284	1.70	ND	ND	ND	ND	ND	ND	ND	9.1	140
06/09/19 05:00 PM	20004	284	1.70	ND	0.00076	ND	ND	ND	ND	ND	9.8	130
06/09/19 05:30 PM	19624	282	1.68	ND	ND	ND	ND	ND	ND	ND	10.2	129
06/09/19 06:00 PM	19233	281	1.69	ND	ND	ND	ND	ND	ND	ND	9.8	134
06/09/19 06:30 PM	18865	282	1.68	ND	ND	ND	ND	ND	ND	ND	8.8	128
06/09/19 07:00 PM	19546	282	1.68	ND	0.00101	ND	ND	ND	0.00171	ND	8.2	128
06/09/19 07:30 PM	19683	281	1.68	ND	0.00136	ND	ND	ND	ND	ND	7.6	133
06/09/19 08:00 PM	19892	278	1.67	ND	0.00038	ND	ND	ND	ND	ND	8.5	135
06/09/19 08:30 PM	20137	276	1.66	ND	ND	ND	ND	ND	ND	ND	7.5	137
06/09/19 09:00 PM	20289	274	1.64	ND	ND	ND	ND	ND	ND	ND	6.8	125
06/09/19 09:30 PM	20355	272	1.63	ND	ND	ND	ND	ND	ND	ND	5.4	149
06/09/19 10:00 PM	20395	270	1.65	ND	ND	ND	ND	ND	0.00584	ND	5.2	217
06/09/19 10:30 PM	20504	267	1.62	ND	ND	ND	ND	ND	ND	ND	9.8	273
06/09/19 11:00 PM	20228	239	1.55	ND	ND	ND	ND	ND	ND	ND	7.1	262
06/09/19 11:30 PM	20381	238	1.59	ND	ND	ND	ND	ND	ND	ND	4.6	241
06/10/19 12:00 AM	21084	259	1.64	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	21487	272	1.65	BDL	0.00040	BDL	0.00008	0.00020	0.00016	BDL	5.3	176
Maximum Value	23974	285	1.75	BDL	0.00480	BDL	0.00242	0.00433	0.00584	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/10/19 12:30 AM	20860	266	1.68	ND	0.00079	ND	ND	ND	ND	ND	4.9	177
06/10/19 01:00 AM	20861	268	1.71	ND	0.00104	ND	ND	ND	ND	ND	7.8	131
06/10/19 01:30 AM	20383	256	1.63	ND	ND	ND	ND	ND	ND	ND	5.5	210
06/10/19 02:00 AM	21156	261	1.67	ND	ND	ND	ND	ND	ND	ND	3.3	178
06/10/19 02:30 AM	21498	270	1.74	ND	0.00113	ND	ND	ND	ND	ND	3.8	133
06/10/19 03:00 AM	21276	265	1.73	ND	0.00070	ND	ND	ND	ND	ND	4.7	141
06/10/19 03:30 AM	21526	257	1.71	ND	ND	ND	ND	ND	ND	ND	2.5	229
06/10/19 04:00 AM	21891	272	1.82	ND	ND	ND	ND	ND	ND	ND	4.0	96
06/10/19 04:30 AM	20827	242	1.69	ND	ND	ND	ND	ND	ND	ND	3.6	182
06/10/19 05:00 AM	21456	265	1.73	ND	ND	ND	ND	ND	ND	ND	2.6	207
06/10/19 05:30 AM	20991	260	1.95	ND	0.00176	ND	ND	ND	ND	ND	7.2	232
06/10/19 06:00 AM	21125	271	1.79	ND	ND	ND	ND	ND	ND	ND	6.9	18
06/10/19 06:30 AM	21386	273	1.89	ND	0.00047	ND	ND	ND	ND	ND	7.6	31
06/10/19 07:00 AM	20502	270	1.82	ND	ND	ND	ND	ND	ND	ND	9.6	30
06/10/19 07:30 AM	19667	268	1.78	ND	ND	ND	ND	ND	ND	ND	10.2	22
06/10/19 08:00 AM	19582	268	1.75	ND	0.00048	ND	ND	ND	ND	ND	10.8	25
06/10/19 08:30 AM	19479	269	1.77	ND	ND	ND	ND	ND	ND	ND	9.8	31
06/10/19 09:00 AM	19210	269	1.72	ND	ND	ND	ND	ND	ND	ND	12.2	22
06/10/19 09:30 AM	18950	270	1.72	ND	ND	ND	ND	ND	ND	ND	10.6	21
06/10/19 10:00 AM	18853	270	1.71	ND	ND	ND	ND	ND	ND	ND	12.5	21
06/10/19 10:30 AM	18727	270	1.69	ND	ND	ND	ND	ND	ND	ND	12.0	15
06/10/19 11:00 AM	18680	271	1.68	ND	0.00044	ND	ND	ND	ND	ND	6.4	56
06/10/19 11:30 AM	18785	271	1.70	ND	ND	ND	ND	ND	ND	ND	7.9	162
06/10/19 12:00 PM	18945	271	1.69	ND	ND	ND	ND	ND	ND	ND	13.5	13
06/10/19 12:30 PM	18842	272	1.68	ND	ND	ND	ND	ND	ND	ND	14.3	22
06/10/19 01:00 PM	18846	273	1.69	ND	0.00061	ND	ND	ND	ND	ND	14.6	18
06/10/19 01:30 PM	19371	274	1.69	ND	ND	ND	ND	ND	ND	ND	14.2	21
06/10/19 02:00 PM	19357	276	1.69	ND	ND	ND	ND	ND	ND	ND	13.2	22
06/10/19 02:30 PM	19043	277	1.70	ND	0.00075	ND	ND	ND	ND	ND	12.8	22
06/10/19 03:00 PM	19033	278	1.69	ND	ND	ND	ND	ND	ND	ND	13.8	14
06/10/19 03:30 PM	19379	278	1.70	ND	ND	ND	ND	ND	ND	ND	12.8	25
06/10/19 04:00 PM	19329	278	1.70	ND	ND	ND	ND	ND	ND	ND	13.0	22
06/10/19 04:30 PM	19096	278	1.70	ND	ND	ND	ND	ND	ND	ND	12.3	23
06/10/19 05:00 PM	19249	277	1.70	ND	ND	ND	ND	ND	ND	ND	12.3	14
06/10/19 05:30 PM	19045	276	1.70	ND	ND	ND	0.00176	ND	ND	ND	13.4	122
06/10/19 06:00 PM	19442	275	1.70	ND	ND	ND	ND	ND	ND	ND	12.6	240
06/10/19 06:30 PM	19207	276	1.70	ND	ND	ND	ND	ND	ND	ND	10.5	7
06/10/19 07:00 PM	19254	276	1.71	ND	ND	ND	ND	ND	ND	ND	9.9	180
06/10/19 07:30 PM	18934	275	1.70	ND	ND	ND	ND	ND	ND	ND	8.3	359
06/10/19 08:00 PM	18896	274	1.70	ND	0.00043	ND	ND	ND	ND	ND	7.1	180
06/10/19 08:30 PM	19115	273	1.72	ND	0.00039	ND	ND	ND	0.00181	ND	8.1	180
06/10/19 09:00 PM	18680	270	1.69	ND	0.00106	ND	ND	ND	ND	ND	7.4	4
06/10/19 09:30 PM	18603	271	1.73	ND	ND	ND	ND	ND	ND	ND	7.9	121
06/10/19 10:00 PM	18572	269	1.71	ND	ND	ND	ND	ND	ND	ND	6.6	63
06/10/19 10:30 PM	18405	269	1.71	ND	ND	ND	ND	ND	ND	ND	5.9	180
06/10/19 11:00 PM	18383	269	1.71	ND	0.00047	ND	ND	ND	ND	ND	8.8	350
06/10/19 11:30 PM	18401	266	1.71	ND	ND	ND	ND	ND	ND	ND	8.1	64
06/11/19 12:00 AM	17902	267	1.70	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	19604	270	1.72	BDL	0.00022	BDL	0.00004	BDL	0.00004	BDL	4.9	33
Maximum Value	21891	278	1.95	BDL	0.00176	BDL	0.00176	BDL	0.00181	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/11/19 12:30 AM	17456	268	1.70	ND	ND	ND	ND	ND	ND	ND	8.0	11
06/11/19 01:30 AM	17045	267	1.68	ND	ND	ND	ND	ND	ND	ND	9.4	14
06/11/19 01:30 AM	17050	266	1.69	ND	ND	ND	ND	ND	ND	ND	8.8	63
06/11/19 02:00 AM	16620	267	1.70	ND	ND	ND	ND	ND	ND	ND	9.5	10
06/11/19 02:30 AM	16153	266	1.68	ND	ND	ND	ND	ND	ND	ND	10.3	11
06/11/19 03:00 AM	16022	267	1.67	ND	ND	ND	ND	ND	ND	ND	9.9	18
06/11/19 03:30 AM	15885	267	1.70	ND	ND	ND	ND	ND	ND	ND	8.7	26
06/11/19 04:00 AM	16035	268	1.77	ND	ND	ND	ND	ND	ND	ND	8.3	24
06/11/19 04:30 AM	16221	268	1.76	ND	ND	ND	ND	ND	ND	ND	7.8	25
06/11/19 05:00 AM	16216	268	1.79	ND	0.00082	ND	ND	ND	ND	ND	6.6	35
06/11/19 05:30 AM	16137	267	1.73	ND	ND	ND	ND	ND	ND	ND	5.2	39
06/11/19 06:00 AM	16253	268	1.77	ND	ND	ND	ND	ND	ND	ND	4.7	32
06/11/19 06:30 AM	16338	268	1.78	ND	0.00053	ND	ND	ND	ND	ND	4.8	69
06/11/19 07:00 AM	16351	267	1.77	ND	ND	ND	ND	ND	ND	ND	5.3	355
06/11/19 07:30 AM	16466	267	1.76	ND	0.00049	ND	ND	ND	ND	ND	6.6	119
06/11/19 08:00 AM	16685	268	1.74	ND	ND	ND	ND	ND	ND	ND	8.9	14
06/11/19 08:30 AM	16954	270	1.78	ND	ND	ND	ND	ND	ND	ND	8.4	30
06/11/19 09:00 AM	17205	270	1.79	ND	ND	ND	ND	ND	ND	ND	8.7	28
06/11/19 09:30 AM	17418	270	1.77	ND	0.00039	ND	ND	ND	ND	ND	7.8	38
06/11/19 10:00 AM	17510	271	1.75	ND	ND	ND	ND	ND	ND	ND	8.4	45
06/11/19 10:30 AM	17957	272	1.77	ND	ND	ND	ND	ND	ND	ND	9.2	54
06/11/19 11:00 AM	18437	274	1.80	ND	ND	ND	ND	ND	ND	ND	8.9	55
06/11/19 11:30 AM	18913	274	1.79	ND	ND	ND	ND	ND	ND	ND	8.3	64
06/11/19 12:00 PM	19177	275	1.77	ND	0.00093	ND	ND	ND	ND	ND	8.2	78
06/11/19 12:30 PM	19173	275	1.76	ND	ND	ND	ND	ND	ND	ND	8.3	70
06/11/19 01:00 PM	19402	274	1.75	ND	ND	ND	0.00163	ND	ND	ND	8.2	89
06/11/19 01:30 PM	19391	274	1.74	ND	ND	ND	ND	ND	0.00297	ND	8.6	114
06/11/19 02:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.4	164
06/11/19 02:30 PM	13076	116	1.16	ND	ND	ND	ND	ND	ND	ND	9.6	23
06/11/19 03:00 PM	12851	112	1.10	ND	ND	ND	ND	ND	ND	ND	6.1	32
06/11/19 03:30 PM	13020	117	1.09	ND	ND	ND	ND	ND	ND	ND	3.6	209
06/11/19 04:00 PM	15097	151	1.26	ND	ND	ND	ND	ND	ND	ND	5.0	236
06/11/19 04:30 PM	17287	193	1.48	ND	0.00153	ND	ND	ND	ND	ND	4.1	324
06/11/19 05:00 PM	17667	205	1.55	ND	ND	ND	ND	ND	ND	ND	5.8	219
06/11/19 05:30 PM	18624	221	1.65	ND	0.00104	ND	ND	ND	ND	ND	3.8	46
06/11/19 06:00 PM	18497	211	1.55	ND	ND	ND	ND	ND	ND	ND	4.6	58
06/11/19 06:30 PM	18667	218	1.55	ND	0.00118	ND	ND	ND	ND	ND	4.3	81
06/11/19 07:00 PM	19090	233	1.62	ND	ND	ND	ND	0.00350	ND	ND	4.9	34
06/11/19 07:30 PM	19084	232	1.60	ND	ND	ND	ND	ND	ND	ND	7.1	181
06/11/19 08:00 PM	18732	234	1.61	ND	ND	ND	ND	ND	ND	ND	8.1	182
06/11/19 08:30 PM	18544	244	1.65	ND	ND	ND	ND	ND	ND	ND	7.1	128
06/11/19 09:00 PM	18421	247	1.64	ND	ND	ND	ND	ND	ND	ND	6.8	120
06/11/19 09:30 PM	18150	249	1.63	ND	ND	ND	ND	ND	ND	ND	5.9	121
06/11/19 10:00 PM	18089	251	1.64	ND	ND	ND	ND	ND	ND	ND	3.6	80
06/11/19 10:30 PM	18077	252	1.74	ND	ND	ND	ND	ND	ND	ND	2.4	61
06/11/19 11:00 PM	18024	247	1.76	ND	0.00110	ND	ND	ND	ND	ND	2.4	292
06/11/19 11:30 PM	18244	248	1.70	ND	ND	ND	ND	ND	ND	ND	1.6	183
06/12/19 12:00 AM	18263	247	1.76	ND	0.00170	ND	ND	ND	ND	ND	2.0	326

Daily Processed Summary (Average, Maximum)

Average	17276	245	1.66	BDL	0.00022	BDL	0.00003	0.00007	0.00006	BDL	4.1	52
Maximum Value	19402	275	1.80	BDL	0.00170	BDL	0.00163	0.00350	0.00297	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/12/19 12:30 AM	18136	252	1.67	ND	ND	ND	ND	ND	ND	ND	5.5	347
06/12/19 01:00 AM	18191	255	1.73	ND	0.00065	ND	ND	ND	ND	ND	6.6	126
06/12/19 01:30 AM	17355	259	1.71	ND	ND	ND	ND	ND	ND	ND	6.9	27
06/12/19 02:00 AM	16341	260	1.66	ND	ND	ND	ND	ND	ND	ND	7.0	41
06/12/19 02:30 AM	16183	260	1.67	ND	0.00106	ND	ND	ND	ND	ND	6.7	33
06/12/19 03:00 AM	16272	261	1.79	ND	ND	ND	ND	ND	ND	ND	7.3	28
06/12/19 03:30 AM	16583	262	1.68	ND	ND	ND	ND	ND	ND	ND	7.2	15
06/12/19 04:00 AM	16940	263	1.79	ND	ND	ND	ND	ND	ND	ND	5.4	33
06/12/19 04:30 AM	17052	265	1.82	ND	ND	ND	ND	ND	ND	ND	5.7	26
06/12/19 05:00 AM	17230	264	1.75	ND	ND	ND	ND	ND	ND	ND	5.7	18
06/12/19 05:30 AM	17122	265	1.77	ND	ND	ND	ND	ND	ND	ND	4.5	19
06/12/19 06:00 AM	17067	264	1.79	ND	ND	ND	ND	ND	ND	ND	3.7	78
06/12/19 06:30 AM	17170	263	1.78	ND	ND	ND	ND	ND	ND	ND	2.7	287
06/12/19 07:00 AM	17284	263	1.79	ND	0.00053	ND	ND	ND	ND	ND	4.5	18
06/12/19 07:30 AM	17080	246	1.76	ND	ND	ND	ND	ND	ND	ND	5.2	61
06/12/19 08:00 AM	17218	246	1.77	ND	ND	ND	ND	ND	ND	ND	6.2	92
06/12/19 08:30 AM	17945	263	1.76	ND	ND	ND	ND	ND	ND	ND	5.9	75
06/12/19 09:00 AM	18018	267	1.74	ND	ND	ND	ND	ND	ND	ND	6.0	72
06/12/19 09:30 AM	18025	270	1.71	ND	ND	ND	ND	ND	ND	ND	6.1	74
06/12/19 10:00 AM	18086	273	1.72	ND	0.00102	ND	ND	ND	ND	ND	6.5	79
06/12/19 10:30 AM	18284	274	1.72	ND	0.00098	ND	ND	ND	ND	ND	4.6	75
06/12/19 11:00 AM	18065	274	1.71	ND	ND	ND	ND	ND	ND	ND	4.2	38
06/12/19 11:30 AM	18267	275	1.71	ND	0.00035	ND	ND	ND	ND	ND	5.1	70
06/12/19 12:00 PM	18649	276	1.72	ND	0.00046	ND	ND	ND	ND	ND	5.0	27
06/12/19 12:30 PM	19183	274	1.75	ND	ND	ND	ND	ND	ND	ND	6.9	22
06/12/19 01:00 PM	18937	273	1.73	ND	ND	ND	ND	ND	ND	ND	8.2	36
06/12/19 01:30 PM	19341	275	1.77	ND	ND	ND	ND	ND	ND	ND	6.9	49
06/12/19 02:00 PM	18842	277	1.77	ND	0.00036	ND	ND	ND	ND	ND	7.0	32
06/12/19 02:30 PM	18658	277	1.74	ND	ND	ND	ND	ND	ND	ND	6.7	41
06/12/19 03:00 PM	18484	278	1.72	ND	0.00036	ND	ND	ND	ND	ND	4.9	62
06/12/19 03:30 PM	18263	278	1.72	ND	ND	ND	ND	ND	ND	ND	5.2	65
06/12/19 04:00 PM	18350	277	1.72	ND	ND	ND	ND	ND	ND	ND	4.4	55
06/12/19 04:30 PM	19289	278	1.72	ND	ND	ND	ND	ND	ND	ND	4.7	180
06/12/19 05:00 PM	20273	277	1.70	ND	0.00038	ND	ND	ND	ND	ND	7.2	207
06/12/19 05:30 PM	20083	275	1.69	ND	ND	ND	ND	ND	ND	ND	5.9	204
06/12/19 06:00 PM	19912	276	1.70	ND	ND	ND	ND	ND	ND	ND	4.4	211
06/12/19 06:30 PM	19993	277	1.70	ND	0.00046	ND	ND	ND	ND	ND	3.7	198
06/12/19 07:00 PM	20051	276	1.68	ND	ND	ND	ND	ND	ND	ND	6.1	193
06/12/19 07:30 PM	19867	276	1.68	ND	ND	ND	ND	ND	ND	ND	6.9	139
06/12/19 08:00 PM	19263	274	1.67	ND	ND	ND	ND	ND	ND	ND	6.2	126
06/12/19 08:30 PM	19436	271	1.66	ND	ND	ND	ND	ND	ND	ND	6.9	131
06/12/19 09:00 PM	19330	270	1.66	ND	ND	ND	ND	ND	ND	ND	5.9	136
06/12/19 09:30 PM	19236	269	1.65	ND	ND	ND	ND	ND	ND	ND	3.8	130
06/12/19 10:00 PM	19216	270	1.77	ND	0.00051	ND	ND	ND	ND	ND	3.0	125
06/12/19 10:30 PM	19134	270	1.69	ND	0.00044	ND	ND	ND	ND	ND	1.2	166
06/12/19 11:00 PM	18943	271	1.72	ND	ND	ND	ND	ND	ND	ND	1.5	153
06/12/19 11:30 PM	18975	273	1.83	ND	ND	ND	ND	ND	ND	ND	1.4	205
06/13/19 12:00 AM	18713	272	1.77	ND	0.00050	ND	ND	ND	ND	ND	1.2	169

Daily Processed Summary (Average, Maximum)

Average	18340	269	1.73	BDL	0.00017	BDL	BDL	BDL	BDL	BDL	2.9	67
Maximum Value	20273	278	1.83	BDL	0.00106	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSFD_AVE (mph)	WDIR_AVE (deg)
06/13/19 12:30 AM	18536	271	1.87	ND	ND	ND	ND	0.00547	ND	ND	1.5	116
06/13/19 01:00 AM	18476	272	1.84	ND	ND	ND	ND	ND	ND	ND	1.3	187
06/13/19 01:30 AM	18440	273	1.98	ND	ND	ND	ND	ND	ND	ND	1.5	124
06/13/19 02:00 AM	18366	276	1.90	ND	0.00057	ND	ND	ND	ND	ND	2.4	192
06/13/19 02:30 AM	18698	275	2.12	ND	ND	ND	ND	ND	ND	ND	3.8	10
06/13/19 03:00 AM	18851	270	2.10	ND	ND	ND	ND	ND	ND	ND	2.7	122
06/13/19 03:30 AM	18735	270	2.26	ND	0.00055	ND	ND	ND	ND	ND	2.6	123
06/13/19 04:00 AM	18539	269	2.14	ND	ND	ND	ND	ND	ND	ND	1.8	15
06/13/19 04:30 AM	18214	273	2.34	ND	ND	ND	ND	ND	ND	ND	2.9	68
06/13/19 05:00 AM	18169	271	2.44	ND	0.00055	ND	ND	ND	ND	ND	2.3	13
06/13/19 05:30 AM	18011	269	2.34	ND	ND	ND	ND	ND	ND	ND	2.5	12
06/13/19 06:00 AM	18021	271	2.46	ND	ND	ND	ND	ND	ND	ND	1.9	19
06/13/19 06:30 AM	17627	263	2.48	ND	ND	ND	ND	ND	ND	ND	2.6	67
06/13/19 07:00 AM	17925	271	2.64	ND	ND	ND	ND	ND	ND	ND	2.6	174
06/13/19 07:30 AM	18877	269	2.45	ND	ND	ND	ND	ND	ND	ND	4.0	328
06/13/19 08:00 AM	19537	268	2.33	ND	0.00056	ND	0.00335	ND	ND	ND	4.0	331
06/13/19 08:30 AM	19731	270	2.27	ND	0.00056	ND	ND	ND	ND	ND	4.1	321
06/13/19 09:00 AM	19712	269	1.78	ND	0.00133	ND	ND	ND	ND	ND	3.6	319
06/13/19 09:30 AM	19805	267	1.71	ND	ND	ND	ND	ND	ND	ND	4.5	315
06/13/19 10:00 AM	19348	265	1.65	ND	0.00062	ND	ND	ND	ND	ND	4.3	280
06/13/19 10:30 AM	19420	267	1.66	ND	ND	ND	ND	ND	ND	ND	4.7	272
06/13/19 11:00 AM	19300	267	1.67	ND	ND	ND	ND	ND	ND	ND	4.1	291
06/13/19 11:30 AM	19016	271	1.69	ND	ND	ND	ND	ND	ND	ND	3.9	292
06/13/19 12:00 PM	18822	271	1.72	ND	ND	ND	ND	ND	ND	ND	4.9	310
06/13/19 12:30 PM	18285	273	1.76	ND	ND	ND	ND	ND	ND	ND	5.2	326
06/13/19 01:00 PM	17548	274	1.73	ND	ND	ND	ND	ND	ND	ND	5.8	311
06/13/19 01:30 PM	17608	275	1.70	ND	ND	ND	ND	ND	ND	ND	5.1	321
06/13/19 02:00 PM	17834	275	1.72	ND	ND	ND	ND	ND	ND	ND	5.0	312
06/13/19 02:30 PM	17166	275	1.72	ND	ND	ND	ND	ND	ND	ND	5.0	301
06/13/19 03:00 PM	17053	279	1.73	ND	ND	ND	ND	ND	ND	ND	4.6	214
06/13/19 03:30 PM	16883	279	1.73	ND	ND	ND	ND	ND	ND	ND	3.9	296
06/13/19 04:00 PM	16820	280	1.73	ND	ND	ND	ND	ND	ND	ND	5.6	229
06/13/19 04:30 PM	16696	282	1.74	ND	ND	ND	ND	ND	ND	ND	4.5	225
06/13/19 05:00 PM	16940	282	1.75	ND	ND	ND	ND	ND	ND	ND	4.3	41
06/13/19 05:30 PM	16911	281	1.74	ND	ND	ND	ND	ND	ND	ND	3.5	231
06/13/19 06:00 PM	16424	280	1.73	ND	ND	ND	ND	ND	ND	ND	4.2	274
06/13/19 06:30 PM	16866	281	1.73	ND	ND	ND	ND	ND	ND	ND	3.9	192
06/13/19 07:00 PM	17358	280	1.74	ND	ND	ND	ND	ND	ND	ND	3.8	65
06/13/19 07:30 PM	17340	280	1.73	ND	ND	ND	ND	ND	ND	ND	3.2	60
06/13/19 08:00 PM	18298	278	1.75	ND	ND	ND	ND	ND	ND	ND	2.7	64
06/13/19 08:30 PM	18894	276	1.84	ND	ND	ND	ND	ND	ND	ND	3.7	101
06/13/19 09:00 PM	18791	274	1.73	ND	0.00049	ND	ND	ND	ND	ND	5.0	179
06/13/19 09:30 PM	18778	272	1.75	ND	ND	ND	ND	ND	ND	ND	4.7	192
06/13/19 10:00 PM	19002	271	1.77	ND	ND	0.00148	ND	ND	ND	ND	6.1	194
06/13/19 10:30 PM	19169	271	1.77	ND	ND	ND	ND	ND	ND	ND	4.2	190
06/13/19 11:00 PM	19154	271	1.77	ND	ND	ND	ND	ND	ND	ND	3.1	187
06/13/19 11:30 PM	18524	270	1.71	ND	ND	ND	ND	ND	ND	ND	2.9	180
06/14/19 12:00 AM	17940	268	1.69	ND	ND	ND	ND	ND	ND	ND	4.9	172

Daily Processed Summary (Average, Maximum)

Average	18259	273	1.91	BDL	0.00011	BDL	0.00010	0.00011	BDL	BDL	0.9	278
Maximum Value	19805	282	2.64	BDL	0.00133	BDL	0.00335	0.00547	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/14/19 12:30 AM	17167	269	1.67	ND	0.00051	ND	ND	ND	ND	ND	8.4	182
06/14/19 01:00 AM	16908	270	1.65	ND	0.00335	ND	ND	ND	ND	ND	9.3	187
06/14/19 01:30 AM	17242	270	1.66	ND	ND	ND	ND	ND	ND	ND	9.4	185
06/14/19 02:00 AM	17521	269	1.67	ND	ND	ND	ND	ND	ND	ND	8.0	192
06/14/19 02:30 AM	17502	268	1.67	ND	ND	ND	ND	ND	ND	ND	7.7	191
06/14/19 03:00 AM	17675	268	1.66	ND	ND	ND	ND	ND	ND	ND	8.3	189
06/14/19 03:30 AM	18118	268	1.67	ND	ND	ND	ND	ND	ND	ND	7.9	191
06/14/19 04:00 AM	18213	268	1.67	ND	0.00051	ND	ND	ND	ND	ND	8.2	187
06/14/19 04:30 AM	18235	268	1.66	ND	ND	ND	ND	ND	ND	ND	8.5	189
06/14/19 05:00 AM	18463	267	1.67	ND	0.00125	ND	ND	ND	ND	ND	8.9	188
06/14/19 05:30 AM	18849	266	1.67	ND	ND	ND	ND	ND	ND	ND	8.1	191
06/14/19 06:00 AM	18766	267	1.65	ND	ND	ND	ND	ND	ND	ND	8.0	189
06/14/19 06:30 AM	18709	267	1.66	ND	ND	ND	ND	ND	ND	ND	8.3	190
06/14/19 07:00 AM	18810	267	1.66	ND	ND	ND	ND	ND	ND	ND	8.4	189
06/14/19 07:30 AM	18743	267	1.66	ND	ND	ND	ND	ND	ND	ND	8.1	190
06/14/19 08:00 AM	18453	269	1.67	ND	0.00063	ND	0.00251	ND	ND	ND	8.2	187
06/14/19 08:30 AM	18577	269	1.68	ND	ND	ND	ND	ND	ND	ND	8.6	190
06/14/19 09:00 AM	18597	271	1.72	ND	0.00048	ND	ND	ND	ND	ND	10.0	189
06/14/19 09:30 AM	19001	273	1.75	ND	ND	ND	ND	ND	ND	ND	10.6	178
06/14/19 10:00 AM	17864	275	1.72	ND	ND	ND	ND	ND	ND	ND	11.0	152
06/14/19 10:30 AM	17237	275	1.71	ND	ND	ND	ND	ND	ND	ND	11.5	153
06/14/19 11:00 AM	17257	276	1.72	ND	ND	ND	ND	ND	ND	ND	10.5	157
06/14/19 11:30 AM	16864	277	1.72	ND	ND	ND	ND	ND	ND	ND	11.6	156
06/14/19 12:00 PM	16481	277	1.71	ND	ND	ND	ND	ND	0.00139	ND	12.0	151
06/14/19 12:30 PM	16872	278	1.71	ND	ND	ND	ND	ND	ND	ND	11.7	154
06/14/19 01:00 PM	17074	277	1.71	ND	ND	ND	ND	ND	ND	ND	10.8	137
06/14/19 01:30 PM	17103	277	1.71	ND	0.00043	ND	ND	ND	ND	ND	11.2	143
06/14/19 02:00 PM	17171	277	1.70	ND	0.00061	ND	ND	ND	ND	ND	11.9	149
06/14/19 02:30 PM	17583	277	1.69	ND	ND	ND	0.00156	ND	0.00139	ND	11.8	147
06/14/19 03:00 PM	17611	278	1.69	ND	ND	ND	ND	ND	ND	ND	11.8	140
06/14/19 03:30 PM	17874	279	1.68	ND	ND	ND	ND	ND	ND	ND	13.2	153
06/14/19 04:00 PM	18418	278	1.68	ND	ND	ND	ND	ND	ND	ND	12.8	147
06/14/19 04:30 PM	18088	277	1.67	ND	0.00046	ND	ND	ND	ND	ND	12.4	139
06/14/19 05:00 PM	18379	277	1.67	ND	ND	ND	ND	ND	ND	ND	13.3	145
06/14/19 05:30 PM	18861	276	1.67	ND	0.00043	ND	ND	ND	ND	ND	12.8	147
06/14/19 06:00 PM	19323	275	1.67	ND	ND	ND	ND	ND	ND	ND	12.8	144
06/14/19 06:30 PM	19628	276	1.67	ND	0.00282	ND	ND	ND	ND	ND	11.7	149
06/14/19 07:00 PM	19549	275	1.67	ND	0.00053	ND	ND	ND	ND	ND	11.9	140
06/14/19 07:30 PM	19502	273	1.67	ND	ND	ND	ND	ND	ND	ND	12.5	139
06/14/19 08:00 PM	19408	272	1.68	ND	ND	ND	ND	ND	ND	ND	10.5	136
06/14/19 08:30 PM	19394	271	1.69	ND	ND	ND	ND	ND	0.00156	ND	9.4	131
06/14/19 09:00 PM	19496	269	1.75	ND	ND	ND	ND	ND	0.00191	ND	9.1	131
06/14/19 09:30 PM	19493	268	1.71	ND	ND	ND	ND	ND	ND	ND	9.6	134
06/14/19 10:00 PM	19673	267	1.65	ND	ND	ND	ND	ND	ND	ND	10.5	137
06/14/19 10:30 PM	19815	267	1.65	ND	ND	ND	ND	ND	ND	ND	11.0	137
06/14/19 11:00 PM	19870	265	1.63	ND	ND	ND	ND	ND	ND	ND	13.1	143
06/14/19 11:30 PM	19972	263	1.62	ND	ND	ND	ND	ND	ND	ND	14.1	147
06/15/19 12:00 AM	19725	258	1.59	ND	ND	ND	ND	ND	ND	ND	18.0	150

Daily Processed Summary (Average, Maximum)

Average	18557	271	1.68	BDL	0.00025	BDL	0.00088	BDL	0.00013	BDL	9.9	158
Maximum Value	19972	279	1.75	BDL	0.00335	BDL	0.00251	BDL	0.00191	BDL		

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Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/15/19 12:30 AM	19954	257	1.60	ND	ND	ND	ND	ND	ND	ND	18.6	151
06/15/19 01:00 AM	20229	257	1.61	ND	ND	ND	ND	ND	ND	ND	18.7	153
06/15/19 01:30 AM	20406	258	1.60	ND	ND	ND	ND	ND	ND	ND	18.7	151
06/15/19 02:00 AM	20677	260	1.62	ND	ND	ND	ND	ND	ND	ND	16.6	163
06/15/19 02:30 AM	20651	260	1.60	ND	ND	ND	ND	ND	ND	ND	17.8	167
06/15/19 03:00 AM	20736	257	1.54	ND	ND	ND	ND	ND	ND	ND	13.9	181
06/15/19 03:30 AM	20532	260	1.54	ND	ND	ND	ND	ND	ND	ND	12.0	185
06/15/19 04:00 AM	20118	262	1.55	ND	ND	ND	ND	ND	ND	ND	10.7	186
06/15/19 04:30 AM	20387	263	1.56	ND	ND	ND	ND	ND	ND	ND	9.3	188
06/15/19 05:00 AM	21098	262	1.56	ND	ND	ND	ND	ND	ND	ND	8.7	185
06/15/19 05:30 AM	21032	262	1.54	ND	ND	ND	ND	ND	ND	ND	10.1	186
06/15/19 06:00 AM	20909	262	1.55	ND	ND	ND	ND	ND	ND	ND	9.4	187
06/15/19 06:30 AM	21336	262	1.57	ND	ND	ND	ND	ND	ND	ND	7.7	190
06/15/19 07:00 AM	21570	263	1.57	ND	ND	ND	ND	ND	ND	ND	7.9	189
06/15/19 07:30 AM	21299	263	1.56	ND	ND	ND	ND	ND	ND	ND	9.7	186
06/15/19 08:00 AM	21415	264	1.56	ND	0.00054	ND	ND	ND	ND	ND	9.8	190
06/15/19 08:30 AM	21526	265	1.57	ND	ND	ND	ND	ND	ND	ND	11.6	191
06/15/19 09:00 AM	21645	265	1.54	ND	ND	ND	ND	ND	ND	ND	12.1	198
06/15/19 09:30 AM	20998	265	1.53	ND	ND	ND	ND	ND	ND	ND	13.4	195
06/15/19 10:00 AM	20535	267	1.53	ND	ND	ND	ND	ND	ND	ND	13.3	199
06/15/19 10:30 AM	21093	267	1.53	ND	ND	ND	ND	ND	ND	ND	12.7	196
06/15/19 11:00 AM	21061	268	1.54	ND	ND	ND	ND	ND	ND	ND	13.3	202
06/15/19 11:30 AM	21997	266	1.54	ND	0.00257	ND	ND	ND	ND	ND	11.7	193
06/15/19 12:00 PM	21485	266	1.53	ND	0.00343	ND	ND	ND	ND	ND	13.7	195
06/15/19 12:30 PM	21205	270	1.54	ND	ND	ND	ND	ND	ND	ND	14.0	194
06/15/19 01:00 PM	21134	272	1.55	ND	ND	ND	ND	ND	ND	ND	20.2	175
06/15/19 01:30 PM	21547	268	1.54	ND	ND	ND	ND	ND	ND	ND	20.1	178
06/15/19 02:00 PM	20267	270	1.54	ND	ND	ND	ND	ND	ND	ND	19.2	183
06/15/19 02:30 PM	20489	270	1.54	ND	ND	ND	ND	ND	ND	ND	18.9	179
06/15/19 03:00 PM	20684	271	1.54	ND	0.00074	ND	ND	ND	ND	ND	20.3	174
06/15/19 03:30 PM	21013	271	1.55	ND	ND	ND	ND	ND	ND	ND	19.1	172
06/15/19 04:00 PM	20994	272	1.55	ND	ND	ND	ND	ND	ND	ND	18.1	174
06/15/19 05:00 PM	21425	272	1.55	ND	ND	ND	ND	ND	ND	ND	19.4	179
06/15/19 05:30 PM	20365	270	1.54	ND	ND	ND	ND	ND	ND	ND	17.4	176
06/15/19 06:00 PM	20672	271	1.55	ND	ND	ND	ND	ND	ND	ND	18.3	173
06/15/19 06:30 PM	20223	273	1.56	ND	ND	ND	ND	ND	ND	ND	17.6	166
06/15/19 07:00 PM	20249	274	1.57	ND	ND	ND	ND	ND	0.00153	ND	18.2	169
06/15/19 07:30 PM	20511	276	1.59	ND	ND	ND	ND	ND	ND	ND	17.6	171
06/15/19 08:00 PM	20142	273	1.57	ND	0.00083	ND	ND	ND	ND	ND	16.7	175
06/15/19 08:30 PM	20224	270	1.56	ND	ND	ND	ND	ND	ND	ND	17.3	172
06/15/19 09:00 PM	20450	266	1.54	ND	ND	ND	ND	ND	ND	ND	18.2	169
06/15/19 09:30 PM	20524	263	1.52	ND	ND	ND	ND	ND	ND	ND	19.4	168
06/15/19 10:00 PM	20823	262	1.54	ND	ND	ND	ND	ND	ND	ND	18.0	172
06/15/19 10:30 PM	20805	261	1.55	ND	ND	ND	ND	ND	ND	ND	16.8	172
06/15/19 11:00 PM	20468	261	1.53	ND	ND	ND	ND	ND	ND	ND	16.8	172
06/15/19 11:30 PM	20679	260	1.52	ND	ND	ND	ND	ND	ND	ND	19.2	174
06/16/19 12:00 AM	20274	257	1.50	ND	ND	ND	ND	ND	ND	ND	19.2	174
Daily Processed Summary (Average, Maximum)												
Average	20809	266	1.55	BDL	0.00017	BDL	BDL	BDL	0.00003	BDL	15.1	177
Maximum Value	21997	276	1.62	BDL	0.00343	BDL	BDL	BDL	0.00153	BDL		

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Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/16/19 12:30 AM	20123	261	1.51	ND	ND	ND	ND	ND	ND	ND	17.7	174
06/16/19 01:00 AM	19830	260	1.50	ND	ND	ND	ND	ND	ND	ND	18.3	177
06/16/19 01:30 AM	19888	261	1.50	ND	ND	ND	ND	ND	ND	ND	18.7	175
06/16/19 02:00 AM	20336	258	1.51	ND	ND	ND	ND	ND	ND	ND	19.0	176
06/16/19 02:30 AM	20538	261	1.51	ND	ND	ND	ND	ND	ND	ND	15.2	178
06/16/19 03:00 AM	20592	259	1.51	ND	ND	ND	ND	ND	ND	ND	16.2	178
06/16/19 03:30 AM	20736	260	1.51	ND	ND	ND	ND	ND	ND	ND	16.9	180
06/16/19 04:00 AM	20532	258	1.51	ND	ND	ND	ND	ND	ND	ND	14.7	183
06/16/19 04:30 AM	20711	262	1.52	ND	ND	ND	ND	ND	ND	ND	11.5	184
06/16/19 05:00 AM	20795	264	1.53	ND	ND	ND	ND	ND	ND	ND	9.8	185
06/16/19 05:30 AM	20771	264	1.52	ND	ND	ND	ND	ND	ND	ND	9.9	186
06/16/19 06:00 AM	20979	263	1.54	ND	0.00068	ND	ND	ND	ND	ND	9.1	184
06/16/19 06:30 AM	21411	263	1.53	ND	ND	ND	ND	ND	ND	ND	9.8	185
06/16/19 07:00 AM	21744	262	1.56	ND	ND	ND	ND	ND	ND	ND	9.7	186
06/16/19 07:30 AM	21832	263	1.54	ND	ND	ND	ND	ND	ND	ND	10.5	184
06/16/19 08:00 AM	22228	265	1.55	ND	0.00069	ND	ND	ND	ND	ND	13.7	178
06/16/19 08:30 AM	22114	265	1.55	ND	ND	ND	ND	ND	ND	ND	15.7	170
06/16/19 09:00 AM	21193	265	1.54	ND	ND	ND	ND	ND	ND	ND	19.7	174
06/16/19 09:30 AM	20719	266	1.54	ND	ND	ND	ND	ND	ND	ND	19.5	177
06/16/19 10:00 AM	21125	265	1.54	ND	0.00062	ND	ND	ND	ND	ND	20.0	179
06/16/19 10:30 AM	21035	268	1.54	ND	ND	ND	ND	0.00300	ND	ND	19.3	177
06/16/19 11:00 AM	21121	267	1.54	ND	0.00073	ND	ND	ND	ND	ND	19.9	177
06/16/19 11:30 AM	21540	266	1.55	ND	0.00214	ND	ND	ND	ND	ND	20.6	178
06/16/19 12:00 PM	21665	266	1.55	ND	ND	ND	ND	ND	ND	ND	19.9	178
06/16/19 12:30 PM	21681	267	1.55	ND	ND	ND	ND	ND	ND	ND	20.7	177
06/16/19 01:00 PM	21549	269	1.55	ND	ND	ND	ND	ND	ND	ND	20.6	179
06/16/19 01:30 PM	21005	271	1.55	ND	0.00038	ND	ND	ND	ND	ND	19.1	180
06/16/19 02:00 PM	20859	272	1.56	ND	ND	ND	ND	ND	ND	ND	19.3	179
06/16/19 02:30 PM	21351	272	1.56	ND	ND	ND	ND	ND	ND	ND	18.6	180
06/16/19 03:00 PM	21337	270	1.56	ND	ND	ND	ND	ND	ND	ND	18.2	180
06/16/19 03:30 PM	21372	272	1.55	ND	ND	ND	ND	ND	ND	ND	18.5	180
06/16/19 04:00 PM	22162	272	1.57	ND	ND	ND	ND	ND	ND	ND	20.3	179
06/16/19 04:30 PM	21800	269	1.55	ND	ND	ND	ND	ND	ND	ND	18.3	172
06/16/19 05:00 PM	22029	271	1.55	ND	ND	ND	ND	0.00157	ND	ND	16.7	166
06/16/19 05:30 PM	22789	272	1.58	ND	ND	ND	ND	ND	ND	ND	15.4	173
06/16/19 06:00 PM	22273	273	1.57	ND	ND	ND	ND	ND	ND	ND	13.5	156
06/16/19 06:30 PM	22542	275	1.59	ND	ND	ND	0.00550	ND	ND	ND	14.8	150
06/16/19 07:00 PM	22808	270	1.57	ND	ND	ND	ND	ND	0.00161	ND	15.2	152
06/16/19 07:30 PM	22606	268	1.55	ND	ND	ND	ND	ND	ND	ND	12.3	141
06/16/19 08:00 PM	22695	267	1.56	ND	ND	ND	ND	ND	ND	ND	11.1	137
06/16/19 08:30 PM	22723	264	1.56	ND	ND	ND	ND	ND	ND	ND	11.6	134
06/16/19 09:00 PM	22265	263	1.58	ND	0.00129	ND	ND	ND	ND	ND	12.6	146
06/16/19 09:30 PM	22122	260	1.57	ND	ND	ND	ND	ND	ND	ND	12.2	137
06/16/19 10:00 PM	21877	259	1.57	ND	ND	ND	ND	ND	ND	ND	11.1	132
06/16/19 10:30 PM	21889	258	1.51	ND	ND	ND	ND	ND	ND	ND	10.1	131
06/16/19 11:00 PM	21670	260	1.51	ND	ND	ND	ND	ND	ND	ND	12.1	140
06/16/19 11:30 PM	21414	260	1.51	ND	ND	ND	ND	ND	ND	ND		
06/17/19 12:00 AM	21311	258	1.51	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	21452	265	1.54	BDL	0.00014	BDL	0.00011	0.00006	0.00007	BDL	15.1	171
Maximum Value	22808	275	1.59	BDL	0.00214	BDL	0.00550	0.00300	0.00161	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/17/19 12:30 AM	21277	258	1.50	ND	ND	ND	ND	ND	ND	ND	9.6	133
06/17/19 01:00 AM	19154	201	1.33	ND	ND	ND	ND	ND	ND	ND	6.4	122
06/17/19 01:30 AM	14926	114	1.03	ND	ND	ND	ND	ND	ND	ND	9.2	101
06/17/19 02:00 AM	15588	179	1.38	ND	ND	ND	ND	ND	ND	ND	16.3	90
06/17/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	23.6	32
06/17/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.9	51
06/17/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	57
06/17/19 04:00 AM	10948	127	1.02	ND	ND	ND	ND	ND	ND	ND	15.2	122
06/17/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	16.5	51
06/17/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.0	88
06/17/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	13.8	89
06/17/19 06:00 AM	14165	219	1.46	ND	ND	ND	ND	ND	ND	ND	9.9	91
06/17/19 06:30 AM	14679	236	1.50	ND	ND	ND	ND	ND	ND	ND	11.0	86
06/17/19 07:00 AM	14950	244	1.54	ND	ND	ND	ND	ND	ND	ND	10.7	105
06/17/19 07:30 AM	15180	248	1.56	ND	0.00092	ND	ND	ND	ND	ND	9.4	103
06/17/19 08:00 AM	15426	250	1.57	ND	ND	ND	ND	ND	ND	ND	offline	offline
06/17/19 08:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.9	100
06/17/19 09:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.7	54
06/17/19 09:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.4	25
06/17/19 10:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.1	77
06/17/19 10:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.5	327
06/17/19 11:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.2	311
06/17/19 11:30 AM	18011	271	1.59	ND	ND	ND	ND	ND	ND	ND	6.9	313
06/17/19 12:00 PM	18285	270	1.58	ND	ND	ND	0.00137	ND	ND	ND	6.5	294
06/17/19 12:30 PM	18323	273	1.58	ND	0.00047	ND	ND	ND	ND	ND	6.4	254
06/17/19 01:00 PM	18724	273	1.59	ND	ND	ND	ND	ND	ND	ND	6.6	253
06/17/19 01:30 PM	19190	275	1.60	ND	0.00084	ND	ND	ND	ND	ND	5.4	235
06/17/19 02:00 PM	19408	280	1.60	ND	ND	ND	ND	ND	ND	ND	6.3	209
06/17/19 02:30 PM	19533	281	1.61	ND	ND	ND	ND	ND	ND	ND	6.1	204
06/17/19 03:00 PM	19396	281	1.60	ND	ND	ND	ND	ND	ND	ND	5.3	212
06/17/19 03:30 PM	19940	283	1.61	ND	ND	ND	ND	ND	ND	ND	4.6	152
06/17/19 04:00 PM	19995	285	1.61	ND	0.00048	ND	ND	ND	ND	ND	3.9	104
06/17/19 04:30 PM	20914	284	1.62	ND	0.00045	ND	0.00343	ND	ND	ND	2.9	152
06/17/19 05:00 PM	20860	277	1.59	ND	ND	ND	ND	ND	ND	ND	6.2	217
06/17/19 05:30 PM	19845	270	1.56	ND	ND	ND	ND	ND	ND	ND	6.2	278
06/17/19 06:00 PM	20025	280	1.61	ND	ND	ND	ND	ND	ND	ND	3.0	226
06/17/19 06:30 PM	19591	284	1.62	ND	ND	ND	ND	ND	ND	ND	2.3	217
06/17/19 07:00 PM	18991	285	1.65	ND	ND	ND	ND	ND	ND	ND	2.1	256
06/17/19 07:30 PM	18921	283	1.66	ND	0.00078	ND	ND	ND	ND	ND	2.3	310
06/17/19 08:00 PM	18926	283	1.67	ND	ND	ND	ND	ND	ND	ND	2.5	180
06/17/19 08:30 PM	20156	280	1.59	ND	ND	ND	ND	ND	ND	ND	6.0	124
06/17/19 09:00 PM	20311	278	1.59	ND	ND	ND	ND	ND	ND	ND	6.1	138
06/17/19 09:30 PM	19955	276	1.59	ND	ND	ND	ND	ND	ND	ND	6.3	143
06/17/19 10:00 PM	19061	276	1.58	ND	ND	ND	ND	ND	ND	ND	5.7	142
06/17/19 10:30 PM	19693	275	1.58	ND	ND	ND	ND	ND	ND	ND	7.8	141
06/17/19 11:00 PM	19667	276	1.57	ND	ND	ND	ND	ND	ND	ND	9.9	157
06/17/19 11:30 PM	20024	275	1.57	ND	ND	ND	ND	ND	ND	ND	9.5	155
06/18/19 12:00 AM	20517	274	1.55	ND	ND	ND	ND	ND	ND	ND	8.6	181

Daily Processed Summary (Average, Maximum)

Average	18460	258	1.54	BDL	0.00008	BDL	0.00010	BDL	BDL	BDL	3.4	106
Maximum Value	21277	285	1.67	BDL	0.00092	BDL	0.00343	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/18/19 12:30 AM	20608	273	1.55	ND	0.00058	ND	0.00180	ND	ND	ND	9.7	186
06/18/19 01:00 AM	20575	272	1.55	ND	0.00053	ND	ND	ND	ND	ND	7.8	194
06/18/19 01:30 AM	20707	272	1.55	ND	ND	ND	ND	ND	ND	ND	8.1	191
06/18/19 02:00 AM	20919	272	1.57	ND	0.00068	ND	ND	ND	ND	ND	6.3	195
06/18/19 02:30 AM	20892	272	1.59	ND	0.00053	ND	ND	ND	ND	ND	5.8	191
06/18/19 03:00 AM	20777	272	1.64	ND	ND	ND	ND	ND	ND	ND	5.6	193
06/18/19 03:30 AM	20939	271	1.60	ND	ND	ND	ND	ND	ND	ND	4.4	201
06/18/19 04:00 AM	21007	270	1.56	ND	ND	ND	ND	ND	ND	ND	5.1	199
06/18/19 04:30 AM	21131	271	1.56	ND	0.00061	ND	ND	ND	ND	ND	5.1	195
06/18/19 05:00 AM	20993	270	1.56	ND	ND	ND	ND	ND	ND	ND	5.2	195
06/18/19 05:30 AM	21021	270	1.56	ND	ND	ND	ND	ND	ND	ND	4.8	194
06/18/19 06:00 AM	20961	271	1.58	ND	ND	ND	ND	ND	ND	ND	3.7	179
06/18/19 06:30 AM	20815	273	1.61	ND	ND	ND	ND	ND	ND	ND	4.5	180
06/18/19 07:00 AM	20885	271	1.57	ND	ND	ND	ND	ND	ND	ND	3.3	196
06/18/19 07:30 AM	21163	271	1.61	ND	ND	ND	ND	ND	ND	ND	1.8	202
06/18/19 08:00 AM	21373	272	1.58	ND	ND	ND	ND	ND	ND	ND	2.9	199
06/18/19 08:30 AM	21435	275	1.58	ND	ND	ND	ND	ND	ND	ND	2.4	196
06/18/19 09:00 AM	21509	273	1.57	ND	ND	ND	ND	ND	ND	ND	2.5	204
06/18/19 09:30 AM	21738	275	1.56	ND	ND	ND	ND	ND	ND	ND	4.1	188
06/18/19 10:00 AM	21605	276	1.56	ND	ND	ND	ND	ND	ND	ND	5.3	191
06/18/19 10:30 AM	21189	275	1.56	ND	ND	ND	ND	ND	0.00185	ND	4.6	200
06/18/19 11:00 AM	21011	279	1.57	ND	ND	ND	ND	ND	ND	ND	3.9	207
06/18/19 11:30 AM	21435	277	1.58	ND	0.00045	ND	ND	ND	ND	ND	4.4	224
06/18/19 12:00 PM	20131	266	1.53	ND	0.00091	ND	ND	ND	ND	ND	5.4	291
06/18/19 12:30 PM	20569	272	1.55	ND	ND	ND	ND	ND	ND	ND	3.5	260
06/18/19 01:00 PM	20672	270	1.55	ND	ND	ND	ND	ND	ND	ND	4.5	271
06/18/19 01:30 PM	21128	275	1.56	ND	ND	ND	ND	ND	ND	ND	4.6	235
06/18/19 02:00 PM	21531	280	1.58	ND	0.00158	ND	ND	ND	ND	ND	4.3	205
06/18/19 02:30 PM	21370	282	1.58	ND	ND	ND	ND	ND	ND	ND	6.6	199
06/18/19 03:00 PM	21999	281	1.59	ND	ND	ND	ND	ND	ND	ND	8.0	191
06/18/19 03:30 PM	22214	282	1.59	ND	0.00065	ND	ND	ND	ND	ND	10.2	182
06/18/19 04:00 PM	22928	282	1.59	ND	0.00056	ND	ND	ND	ND	ND	11.7	167
06/18/19 04:30 PM	22925	279	1.58	ND	ND	ND	ND	ND	ND	ND	11.9	173
06/18/19 05:00 PM	21964	282	1.58	ND	ND	ND	ND	ND	ND	ND	13.3	177
06/18/19 05:30 PM	20621	281	1.58	ND	ND	ND	ND	ND	ND	ND	13.3	171
06/18/19 06:00 PM	20530	282	1.58	ND	ND	ND	ND	ND	ND	ND	10.1	176
06/18/19 06:30 PM	20948	283	1.59	ND	ND	ND	ND	ND	ND	ND	9.7	180
06/18/19 07:00 PM	21042	283	1.59	ND	ND	ND	ND	ND	ND	ND	9.5	179
06/18/19 07:30 PM	21513	285	1.61	ND	0.00059	ND	ND	ND	ND	ND	8.5	171
06/18/19 08:00 PM	21509	282	1.59	ND	ND	ND	ND	ND	ND	ND	10.3	166
06/18/19 08:30 PM	21241	278	1.58	ND	ND	ND	ND	ND	ND	ND	8.7	183
06/18/19 09:00 PM	20813	277	1.58	ND	ND	ND	ND	ND	ND	ND	8.5	186
06/18/19 09:30 PM	21029	277	1.59	ND	ND	ND	ND	ND	ND	ND	10.2	175
06/18/19 10:00 PM	20659	276	1.58	ND	ND	ND	ND	ND	ND	ND	12.7	180
06/18/19 10:30 PM	20525	275	1.56	ND	0.00052	ND	ND	ND	ND	ND	10.0	185
06/18/19 11:00 PM	20804	274	1.56	ND	ND	ND	ND	ND	ND	ND	8.7	190
06/18/19 11:30 PM	21222	271	1.55	ND	ND	ND	ND	ND	ND	ND	9.0	190
06/19/19 12:00 AM	22000	271	1.56	ND	ND	ND	ND	ND	ND	ND	8.5	188

## Daily Processed Summary (Average, Maximum)

Average	21179	275	1.58	BDL	0.00017	BDL	0.00004	BDL	0.00004	BDL	6.5	188
Maximum Value	22928	285	1.64	BDL	0.00158	BDL	0.00180	BDL	0.00185	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/19/19 12:30 AM	22407	270	1.56	ND	ND	ND	ND	ND	ND	ND	ND	8.1
06/19/19 01:00 AM	22553	270	1.59	ND	ND	ND	ND	ND	ND	ND	ND	6.6
06/19/19 01:30 AM	22587	270	1.57	ND	ND	0.00147	ND	ND	ND	ND	ND	8.1
06/19/19 02:00 AM	22691	269	1.60	ND	ND	ND	ND	ND	ND	ND	ND	6.6
06/19/19 02:30 AM	22797	269	1.60	ND	ND	ND	ND	ND	ND	ND	ND	6.7
06/19/19 03:00 AM	22807	269	1.61	ND	ND	ND	ND	ND	ND	ND	ND	6.8
06/19/19 03:30 AM	22789	269	1.62	ND	ND	ND	ND	ND	ND	ND	ND	7.3
06/19/19 04:00 AM	22711	269	1.61	ND	ND	ND	ND	ND	ND	ND	ND	7.0
06/19/19 04:30 AM	22664	269	1.60	ND	ND	ND	ND	ND	ND	ND	ND	8.1
06/19/19 05:00 AM	22866	269	1.58	ND	ND	ND	ND	ND	ND	ND	ND	6.5
06/19/19 05:30 AM	23026	268	1.56	ND	ND	ND	ND	ND	ND	ND	ND	6.5
06/19/19 06:00 AM	22931	269	1.55	ND	ND	ND	ND	ND	ND	ND	ND	6.3
06/19/19 06:30 AM	22927	269	1.55	ND	0.00069	ND	ND	ND	ND	ND	ND	6.8
06/19/19 07:00 AM	22899	268	1.55	ND	ND	ND	ND	ND	ND	ND	ND	7.5
06/19/19 07:30 AM	22950	266	1.55	ND	ND	ND	ND	ND	ND	ND	ND	7.8
06/19/19 08:00 AM	23109	267	1.54	ND	ND	ND	ND	ND	ND	ND	ND	7.0
06/19/19 08:30 AM	23159	270	1.56	ND	ND	ND	ND	ND	ND	ND	ND	6.7
06/19/19 09:00 AM	23230	271	1.55	ND	ND	ND	ND	ND	ND	ND	ND	7.5
06/19/19 09:30 AM	22946	270	1.55	ND	ND	ND	ND	ND	ND	ND	ND	10.1
06/19/19 10:00 AM	22476	273	1.55	ND	ND	ND	ND	ND	ND	ND	ND	10.4
06/19/19 10:30 AM	22820	274	1.56	ND	ND	ND	ND	ND	ND	ND	ND	9.9
06/19/19 11:00 AM	22903	275	1.57	ND	ND	ND	ND	ND	ND	ND	ND	9.8
06/19/19 11:30 AM	22583	276	1.57	ND	0.00047	ND	ND	ND	ND	ND	ND	9.8
06/19/19 12:00 PM	22502	277	1.56	ND	ND	ND	ND	ND	ND	ND	ND	9.8
06/19/19 12:30 PM	22963	277	1.57	ND	ND	ND	ND	ND	ND	ND	ND	11.8
06/19/19 01:00 PM	22970	278	1.57	ND	ND	ND	ND	ND	ND	ND	ND	11.8
06/19/19 01:30 PM	23098	277	1.57	ND	ND	ND	ND	ND	ND	ND	ND	11.2
06/19/19 02:00 PM	22814	277	1.56	ND	ND	ND	ND	ND	ND	ND	ND	13.7
06/19/19 02:30 PM	22762	276	1.56	ND	ND	ND	ND	ND	ND	ND	ND	13.6
06/19/19 03:00 PM	22735	275	1.56	ND	ND	ND	ND	ND	ND	ND	ND	14.0
06/19/19 03:30 PM	22470	275	1.56	ND	ND	ND	ND	ND	ND	ND	ND	15.8
06/19/19 04:00 PM	22530	278	1.57	ND	ND	ND	ND	ND	ND	ND	ND	14.7
06/19/19 04:30 PM	22802	278	1.57	ND	ND	ND	ND	ND	ND	ND	ND	13.8
06/19/19 05:00 PM	22942	277	1.56	ND	ND	ND	ND	ND	ND	ND	ND	14.7
06/19/19 05:30 PM	22848	275	1.56	ND	0.00105	ND	ND	ND	ND	ND	ND	15.6
06/19/19 06:00 PM	23020	276	1.57	ND	ND	ND	ND	ND	ND	ND	ND	15.0
06/19/19 06:30 PM	23178	279	1.58	ND	ND	ND	ND	ND	ND	ND	ND	14.6
06/19/19 07:00 PM	23173	279	1.58	ND	ND	ND	ND	ND	ND	ND	ND	15.2
06/19/19 07:30 PM	22711	277	1.57	ND	ND	ND	ND	ND	ND	ND	ND	15.5
06/19/19 08:00 PM	22833	276	1.57	ND	ND	ND	ND	ND	ND	ND	ND	17.1
06/19/19 08:30 PM	23076	274	1.57	ND	ND	ND	ND	ND	ND	ND	ND	17.1
06/19/19 09:00 PM	23060	269	1.56	ND	ND	ND	ND	ND	ND	ND	ND	15.3
06/19/19 09:30 PM	23239	268	1.55	ND	ND	ND	ND	ND	ND	ND	ND	13.7
06/19/19 10:00 PM	23224	267	1.54	ND	0.00147	ND	ND	ND	ND	ND	ND	12.6
06/19/19 10:30 PM	23244	267	1.55	ND	ND	ND	ND	0.00267	ND	ND	ND	12.7
06/19/19 11:00 PM	23332	266	1.55	ND	ND	ND	ND	ND	ND	ND	ND	12.2
06/19/19 11:30 PM	23338	264	1.54	ND	ND	ND	ND	ND	ND	ND	ND	11.8
06/20/19 12:00 AM	23370	264	1.54	ND	ND	ND	ND	ND	ND	ND	ND	11.1

## Daily Processed Summary (Average, Maximum)

Average	22897	272	1.57	BDL	0.00008	BDL	0.00003	0.00006	BDL	BDL	10.7	187
Maximum Value	23370	279	1.62	BDL	0.00147	BDL	0.00147	0.00267	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/20/19 12:30 AM	23172	265	1.55	ND	ND	ND	ND	ND	ND	ND	10.7	188
06/20/19 01:00 AM	22992	267	1.56	ND	ND	ND	ND	ND	ND	ND	10.5	185
06/20/19 01:30 AM	23039	268	1.55	ND	ND	ND	ND	ND	ND	ND	10.8	184
06/20/19 02:00 AM	23025	267	1.54	ND	ND	ND	ND	ND	ND	ND	10.0	187
06/20/19 02:30 AM	22932	266	1.55	ND	ND	ND	ND	ND	ND	ND	10.4	187
06/20/19 03:00 AM	22579	267	1.56	ND	ND	ND	ND	ND	ND	ND	10.4	187
06/20/19 03:30 AM	22507	265	1.54	ND	ND	ND	ND	ND	ND	ND	9.8	183
06/20/19 04:00 AM	22571	269	1.54	ND	ND	ND	ND	ND	ND	ND	6.3	162
06/20/19 04:30 AM	22496	267	1.55	ND	ND	ND	ND	ND	ND	ND	9.0	177
06/20/19 05:00 AM	22453	264	1.55	ND	0.00149	ND	ND	ND	ND	ND	11.1	183
06/20/19 05:30 AM	22608	263	1.54	ND	0.00159	ND	ND	ND	ND	ND	9.4	187
06/20/19 06:00 AM	22520	264	1.55	ND	ND	ND	0.00166	ND	ND	ND	10.1	184
06/20/19 06:30 AM	22516	264	1.55	ND	ND	ND	ND	ND	0.00326	ND	9.5	186
06/20/19 07:00 AM	22532	262	1.53	ND	ND	ND	ND	ND	ND	ND	10.1	184
06/20/19 07:30 AM	22592	262	1.53	ND	ND	ND	ND	ND	ND	ND	10.6	186
06/20/19 08:00 AM	22800	263	1.53	ND	ND	ND	ND	ND	ND	ND	14.2	181
06/20/19 08:30 AM	22713	264	1.53	ND	ND	ND	ND	ND	0.00147	ND	12.9	180
06/20/19 09:00 AM	22593	263	1.53	ND	0.00068	ND	ND	ND	ND	ND	16.9	177
06/20/19 09:30 AM	22809	265	1.55	ND	ND	ND	ND	ND	ND	ND	14.9	183
06/20/19 10:00 AM	22914	268	1.56	ND	ND	ND	ND	ND	ND	ND	14.3	181
06/20/19 10:30 AM	23107	272	1.58	ND	0.00055	ND	ND	ND	ND	ND	12.7	182
06/20/19 11:00 AM	23067	273	1.59	ND	ND	ND	ND	ND	ND	ND	12.4	177
06/20/19 11:30 AM	23119	271	1.58	ND	ND	ND	ND	ND	ND	ND	13.0	171
06/20/19 12:00 PM	23491	273	1.59	ND	ND	ND	ND	ND	ND	ND	15.7	173
06/20/19 12:30 PM	23600	272	1.57	ND	ND	ND	ND	ND	ND	ND	14.7	176
06/20/19 01:00 PM	23621	270	1.55	ND	ND	ND	ND	ND	ND	ND	16.5	178
06/20/19 01:30 PM	23675	272	1.56	ND	ND	ND	ND	ND	ND	ND	17.6	181
06/20/19 02:00 PM	23655	271	1.56	ND	ND	ND	ND	ND	ND	ND	18.7	175
06/20/19 02:30 PM	23507	269	1.56	ND	ND	ND	ND	ND	ND	ND	18.1	177
06/20/19 03:00 PM	23751	272	1.57	ND	ND	ND	ND	ND	ND	ND	16.8	187
06/20/19 03:30 PM	23854	271	1.58	ND	ND	ND	ND	ND	ND	ND	16.7	183
06/20/19 04:00 PM	23879	271	1.57	ND	ND	ND	ND	ND	ND	ND	16.5	182
06/20/19 04:30 PM	23726	272	1.57	ND	ND	ND	ND	ND	ND	ND	18.3	177
06/20/19 05:00 PM	23464	272	1.57	ND	ND	ND	ND	ND	ND	ND	15.4	183
06/20/19 05:30 PM	23286	272	1.56	ND	ND	ND	ND	ND	ND	ND	17.3	181
06/20/19 06:00 PM	22904	272	1.56	ND	ND	ND	ND	ND	ND	ND	16.2	180
06/20/19 06:30 PM	22782	272	1.56	ND	ND	ND	ND	ND	ND	ND	13.6	182
06/20/19 07:00 PM	22893	270	1.56	ND	ND	ND	ND	ND	ND	ND	14.1	183
06/20/19 07:30 PM	23164	269	1.55	ND	ND	ND	ND	ND	ND	ND	13.8	183
06/20/19 08:00 PM	22921	268	1.55	ND	ND	ND	ND	ND	ND	ND	14.0	181
06/20/19 08:30 PM	23146	268	1.55	ND	ND	ND	ND	ND	ND	ND	15.2	184
06/20/19 09:00 PM	23322	265	1.54	ND	ND	ND	ND	ND	ND	ND	14.2	184
06/20/19 09:30 PM	23301	262	1.53	ND	ND	ND	ND	ND	ND	ND	15.9	182
06/20/19 10:00 PM	23218	263	1.53	ND	ND	ND	ND	ND	ND	ND	14.1	182
06/20/19 10:30 PM	23413	262	1.54	ND	ND	ND	ND	ND	ND	ND	13.7	179
06/20/19 11:00 PM	22944	259	1.52	ND	ND	ND	ND	ND	ND	ND	13.9	179
06/20/19 11:30 PM	22747	261	1.53	ND	ND	ND	ND	ND	ND	ND	15.3	179
06/21/19 12:00 AM	22881	261	1.52	ND	ND	ND	ND	ND	ND	ND	13.2	184

Daily Processed Summary (Average, Maximum)

Average	23058	267	1.55	BDL	0.00009	BDL	0.00003	BDL	0.00010	BDL	13.5	181
Maximum Value	23879	273	1.59	BDL	0.00159	BDL	0.00166	BDL	0.00326	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/21/19 12:30 AM	23183	261	1.54	ND	ND	ND	ND	ND	ND	ND	13.8	180
06/21/19 01:00 AM	23130	258	1.52	ND	ND	ND	ND	ND	ND	ND	15.3	178
06/21/19 01:30 AM	22944	254	1.51	ND	ND	ND	ND	ND	ND	ND	18.0	175
06/21/19 02:00 AM	23036	256	1.51	ND	ND	ND	ND	ND	ND	ND	16.2	176
06/21/19 02:30 AM	23155	255	1.51	ND	ND	ND	ND	ND	ND	ND	16.0	177
06/21/19 03:00 AM	23387	257	1.52	ND	ND	ND	ND	ND	ND	ND	14.9	175
06/21/19 03:30 AM	23300	256	1.52	ND	ND	ND	ND	ND	ND	ND	13.2	183
06/21/19 04:00 AM	23314	259	1.52	ND	ND	ND	0.00172	ND	ND	ND	12.4	185
06/21/19 04:30 AM	23489	260	1.53	ND	ND	ND	ND	ND	ND	ND	9.9	189
06/21/19 05:00 AM	23688	260	1.53	ND	ND	ND	0.00174	ND	ND	ND	11.8	184
06/21/19 05:30 AM	23382	255	1.51	ND	ND	ND	ND	ND	ND	ND	14.8	182
06/21/19 06:00 AM	23491	258	1.52	ND	ND	ND	ND	ND	ND	ND	12.9	182
06/21/19 06:30 AM	23379	258	1.52	ND	ND	ND	ND	ND	ND	ND	13.5	183
06/21/19 07:00 AM	23512	261	1.53	ND	ND	ND	ND	ND	ND	ND	12.6	182
06/21/19 07:30 AM	23243	259	1.52	ND	ND	ND	ND	ND	ND	ND	12.4	183
06/21/19 08:00 AM	23448	261	1.53	ND	ND	ND	ND	ND	ND	ND	13.0	180
06/21/19 08:30 AM	23736	263	1.53	ND	ND	ND	ND	ND	ND	ND	13.2	180
06/21/19 09:00 AM	23346	262	1.53	ND	ND	ND	ND	ND	ND	ND	14.0	182
06/21/19 09:30 AM	23637	267	1.54	ND	ND	ND	ND	ND	ND	ND	13.8	171
06/21/19 10:00 AM	23911	266	1.55	ND	ND	ND	ND	ND	ND	ND	15.0	168
06/21/19 10:30 AM	23301	268	1.55	ND	ND	ND	ND	ND	ND	ND	17.8	166
06/21/19 11:00 AM	23443	268	1.56	ND	ND	ND	ND	ND	ND	ND	15.5	166
06/21/19 11:30 AM	23227	268	1.55	ND	ND	ND	ND	ND	ND	ND	16.3	159
06/21/19 12:00 PM	23110	271	1.57	ND	ND	ND	ND	ND	ND	ND	17.8	162
06/21/19 12:30 PM	22679	270	1.56	ND	0.00074	ND	ND	ND	ND	ND	18.4	165
06/21/19 01:00 PM	22816	270	1.56	ND	ND	ND	ND	ND	ND	ND	18.5	167
06/21/19 01:30 PM	23022	271	1.57	ND	ND	ND	ND	ND	ND	ND	19.4	163
06/21/19 02:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	19.6	172
06/21/19 02:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	18.2	167
06/21/19 03:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	18.8	168
06/21/19 03:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	18.9	170
06/21/19 04:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	18.7	171
06/21/19 04:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	19.6	169
06/21/19 05:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	18.7	167
06/21/19 05:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	17.5	163
06/21/19 06:00 PM	24039	268	1.57	ND	ND	ND	ND	ND	ND	ND	17.6	149
06/21/19 06:30 PM	23753	267	1.58	ND	ND	ND	ND	ND	ND	ND	17.3	151
06/21/19 07:00 PM	23706	265	1.56	ND	0.00150	ND	ND	ND	ND	ND	15.9	152
06/21/19 07:30 PM	23941	264	1.54	ND	ND	ND	ND	ND	ND	ND	15.8	144
06/21/19 08:00 PM	23840	263	1.54	ND	ND	ND	ND	ND	ND	ND	13.9	141
06/21/19 08:30 PM	23958	259	1.53	ND	ND	ND	ND	ND	ND	ND	13.5	142
06/21/19 09:00 PM	23953	250	1.53	ND	0.00089	ND	ND	ND	0.00151	ND	12.9	141
06/21/19 09:30 PM	24016	253	1.54	ND	ND	ND	ND	ND	ND	ND	14.2	150
06/21/19 10:00 PM	24022	256	1.54	ND	ND	ND	ND	ND	ND	ND	14.5	159
06/21/19 10:30 PM	23878	255	1.54	ND	ND	ND	ND	ND	ND	ND	14.5	166
06/21/19 11:00 PM	23878	255	1.54	ND	ND	ND	ND	ND	ND	ND	15.2	170
06/21/19 11:30 PM	23567	255	1.54	ND	ND	ND	ND	ND	ND	ND	15.5	167
06/21/19 12:00 AM	23634	252	1.52	ND	ND	ND	ND	ND	ND	ND	14.9	170

Daily Processed Summary (Average, Maximum)

Average	23489	261	1.54	BDL	0.00007	BDL	0.00007	BDL	0.00003	BDL	15.2	168
Maximum Value	24039	271	1.58	BDL	0.00150	BDL	0.00174	BDL	0.00151	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/22/19 12:30 AM	23749	254	1.52	ND	ND	ND	ND	ND	ND	ND	15.1	170
06/22/19 01:00 AM	23668	250	1.51	ND	ND	ND	ND	ND	ND	ND	15.5	174
06/22/19 01:30 AM	23539	250	1.52	ND	ND	ND	ND	ND	ND	ND	17.0	174
06/22/19 02:00 AM	23590	252	1.51	ND	ND	ND	ND	ND	ND	ND	14.7	173
06/22/19 02:30 AM	23140	250	1.50	ND	ND	ND	ND	ND	ND	ND	14.3	184
06/22/19 03:00 AM	23081	253	1.50	ND	ND	ND	ND	ND	ND	ND	14.8	182
06/22/19 03:30 AM	22525	253	1.50	ND	ND	ND	ND	ND	ND	ND	16.5	181
06/22/19 04:00 AM	22518	254	1.50	ND	0.00100	ND	ND	ND	ND	ND	14.2	182
06/22/19 04:30 AM	22689	257	1.52	ND	ND	ND	ND	ND	ND	ND	11.9	185
06/22/19 05:00 AM	22486	259	1.52	ND	ND	ND	ND	ND	ND	ND	11.8	184
06/22/19 05:30 AM	22378	257	1.51	ND	ND	ND	ND	ND	ND	ND	14.2	181
06/22/19 06:00 AM	22456	255	1.51	ND	ND	ND	ND	ND	ND	ND	10.8	189
06/22/19 06:30 AM	22414	258	1.52	ND	0.00081	ND	ND	ND	ND	ND	11.2	185
06/22/19 07:00 AM	22270	261	1.52	ND	ND	ND	ND	ND	ND	ND	10.2	182
06/22/19 07:30 AM	22289	259	1.52	ND	0.00146	ND	ND	ND	ND	ND	13.7	178
06/22/19 08:00 AM	22291	254	1.50	ND	ND	ND	ND	ND	ND	ND	15.5	177
06/22/19 08:30 AM	22031	256	1.51	ND	ND	ND	ND	ND	ND	ND	16.3	174
06/22/19 09:00 AM	22327	259	1.54	ND	ND	ND	ND	ND	ND	ND	17.5	167
06/22/19 09:30 AM	22081	260	1.53	ND	ND	ND	ND	ND	ND	ND	17.4	165
06/22/19 10:00 AM	22161	265	1.54	ND	0.00075	ND	ND	ND	ND	ND	19.1	163
06/22/19 10:30 AM	22376	264	1.55	ND	ND	ND	ND	ND	ND	ND	18.4	168
06/22/19 11:00 AM	22836	264	1.55	ND	ND	ND	ND	ND	ND	ND	17.3	162
06/22/19 11:30 AM	23133	264	1.57	ND	ND	ND	ND	ND	ND	ND	17.5	165
06/22/19 12:00 PM	23082	264	1.56	ND	ND	ND	ND	ND	ND	ND	18.1	164
06/22/19 12:30 PM	22994	269	1.58	ND	ND	ND	ND	ND	ND	ND	18.2	154
06/22/19 01:00 PM	23390	261	1.55	ND	ND	ND	ND	ND	ND	ND	18.2	150
06/22/19 01:30 PM	23529	255	1.53	ND	ND	ND	ND	ND	ND	ND	18.3	152
06/22/19 02:00 PM	23708	261	1.58	ND	ND	ND	ND	ND	ND	ND	16.9	154
06/22/19 02:30 PM	23925	262	1.57	ND	0.00150	ND	ND	ND	ND	ND	17.1	150
06/22/19 03:00 PM	24068	263	1.57	ND	0.00102	ND	ND	ND	ND	ND	16.1	149
06/22/19 03:30 PM	24029	261	1.56	ND	0.00089	ND	ND	ND	ND	ND	17.9	153
06/22/19 04:00 PM	24086	260	1.56	ND	ND	ND	ND	ND	ND	ND	18.1	154
06/22/19 04:30 PM	24227	258	1.54	ND	ND	ND	ND	ND	ND	ND	17.8	152
06/22/19 05:00 PM	24254	260	1.55	ND	ND	ND	ND	ND	ND	ND	17.0	153
06/22/19 05:30 PM	24002	256	1.53	ND	ND	ND	ND	ND	ND	ND	16.0	151
06/22/19 06:00 PM	24126	255	1.55	ND	ND	ND	ND	ND	ND	ND	18.2	153
06/22/19 06:30 PM	24172	250	1.54	ND	ND	ND	ND	ND	ND	ND	17.0	150
06/22/19 07:00 PM	23948	255	1.54	ND	ND	ND	ND	ND	ND	ND	17.8	152
06/22/19 07:30 PM	23897	251	1.53	ND	ND	ND	0.00190	ND	ND	ND	17.5	151
06/22/19 08:00 PM	23911	249	1.53	ND	ND	ND	ND	ND	ND	ND	17.2	151
06/22/19 08:30 PM	23947	250	1.53	ND	ND	ND	ND	ND	ND	ND	17.7	150
06/22/19 09:00 PM	23616	247	1.51	ND	ND	ND	ND	ND	ND	ND	16.8	152
06/22/19 09:30 PM	23708	248	1.52	ND	ND	ND	ND	ND	ND	ND	15.5	161
06/22/19 10:00 PM	23412	246	1.52	ND	ND	ND	ND	ND	ND	ND	13.8	171
06/22/19 10:30 PM	22993	250	1.53	ND	ND	ND	ND	ND	ND	ND	16.0	177
06/22/19 11:00 PM	23015	251	1.51	ND	ND	ND	ND	ND	ND	ND	16.7	168
06/22/19 11:30 PM	22649	249	1.50	ND	ND	ND	ND	ND	ND	ND		
06/23/19 12:00 AM	22754	249	1.51	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	23197	256	1.53	BDL	0.00016	BDL	0.00004	BDL	BDL	BDL	15.8	164
Maximum Value	24254	269	1.58	BDL	0.00150	BDL	0.00190	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/23/19 12:30 AM	22417	249	1.54	ND	ND	ND	ND	ND	ND	ND	16.0	164
06/23/19 01:00 AM	22143	247	1.50	ND	ND	ND	0.00948	ND	ND	ND	19.2	170
06/23/19 01:30 AM	22008	249	1.49	ND	ND	ND	0.00184	ND	ND	ND	17.2	172
06/23/19 02:00 AM	22046	248	1.49	ND	ND	ND	ND	ND	ND	ND	19.1	172
06/23/19 02:30 AM	22190	247	1.51	ND	ND	ND	0.00449	ND	ND	ND	18.0	171
06/23/19 03:00 AM	22143	249	1.49	ND	ND	ND	ND	ND	ND	ND	17.6	174
06/23/19 03:30 AM	21954	249	1.49	ND	0.00083	ND	ND	ND	ND	ND	17.1	174
06/23/19 04:00 AM	21811	248	1.48	ND	ND	ND	ND	ND	ND	ND	16.8	175
06/23/19 04:30 AM	21861	251	1.49	ND	ND	ND	ND	ND	ND	ND	14.7	180
06/23/19 05:00 AM	21669	250	1.48	ND	ND	ND	ND	ND	ND	ND	16.1	179
06/23/19 05:30 AM	21854	249	1.48	ND	ND	ND	ND	ND	ND	ND	17.4	176
06/23/19 06:00 AM	21908	248	1.48	ND	ND	ND	ND	ND	ND	ND	16.3	176
06/23/19 06:30 AM	22390	250	1.50	ND	0.00093	ND	ND	ND	ND	ND	14.9	174
06/23/19 07:00 AM	22228	247	1.50	ND	ND	ND	0.00204	ND	ND	ND	14.4	176
06/23/19 07:30 AM	22255	249	1.49	ND	ND	ND	ND	ND	ND	ND	16.8	175
06/23/19 08:00 AM	22104	246	1.50	ND	ND	ND	ND	ND	ND	ND	17.2	174
06/23/19 08:30 AM	22353	247	1.50	ND	ND	ND	ND	ND	ND	ND	17.0	177
06/23/19 09:00 AM	22561	249	1.50	ND	ND	ND	ND	ND	ND	ND	19.2	176
06/23/19 09:30 AM	22598	252	1.50	ND	0.00117	ND	ND	ND	ND	ND	19.7	175
06/23/19 10:00 AM	22788	257	1.51	ND	ND	ND	ND	ND	ND	ND	18.6	178
06/23/19 10:30 AM	22845	257	1.53	ND	ND	ND	ND	ND	ND	ND	19.3	181
06/23/19 11:00 AM	23007	258	1.53	ND	ND	ND	ND	ND	ND	ND	18.5	175
06/23/19 11:30 AM	23052	260	1.53	ND	ND	ND	ND	ND	ND	ND	19.9	178
06/23/19 12:00 PM	22725	259	1.53	ND	ND	ND	0.00193	ND	ND	ND	19.6	181
06/23/19 12:30 PM	22969	260	1.53	ND	ND	ND	0.00169	ND	ND	ND	17.7	183
06/23/19 01:00 PM	23105	259	1.53	ND	ND	ND	ND	ND	ND	ND	19.5	179
06/23/19 01:30 PM	22957	260	1.53	ND	ND	ND	ND	ND	ND	ND	19.0	179
06/23/19 02:00 PM	22936	261	1.54	ND	ND	ND	ND	ND	ND	ND	18.4	178
06/23/19 02:30 PM	23522	260	1.55	ND	0.00166	ND	ND	ND	ND	ND	16.0	177
06/23/19 03:00 PM	23638	259	1.53	ND	0.00189	ND	ND	ND	ND	ND	18.0	177
06/23/19 03:30 PM	23542	264	1.56	ND	ND	ND	ND	ND	ND	ND	17.9	172
06/23/19 04:00 PM	23719	264	1.56	ND	ND	ND	ND	ND	ND	ND	17.4	175
06/23/19 04:30 PM	23729	263	1.55	ND	ND	ND	ND	ND	ND	ND	17.8	173
06/23/19 05:00 PM	23636	263	1.55	ND	ND	ND	ND	ND	ND	ND	17.4	173
06/23/19 05:30 PM	23350	262	1.53	ND	ND	ND	ND	ND	ND	ND	18.6	176
06/23/19 06:00 PM	23440	261	1.54	ND	ND	ND	ND	ND	ND	ND	17.2	175
06/23/19 06:30 PM	23527	261	1.54	ND	ND	ND	ND	ND	ND	ND	17.9	171
06/23/19 07:00 PM	23443	261	1.53	ND	ND	ND	ND	ND	ND	ND	14.7	176
06/23/19 07:30 PM	23414	257	1.51	ND	ND	ND	ND	ND	ND	ND	15.6	177
06/23/19 08:00 PM	23402	254	1.50	ND	ND	ND	ND	ND	ND	ND	15.6	180
06/23/19 08:30 PM	23254	252	1.50	ND	ND	ND	ND	ND	ND	ND	15.2	181
06/23/19 09:00 PM	23322	249	1.49	ND	ND	ND	ND	ND	ND	ND	16.5	177
06/23/19 09:30 PM	23408	247	1.49	ND	ND	ND	ND	ND	ND	ND	16.0	177
06/23/19 10:00 PM	23320	246	1.48	ND	ND	ND	ND	ND	ND	ND	17.2	177
06/23/19 10:30 PM	22821	245	1.47	ND	ND	ND	ND	ND	ND	ND	16.4	177
06/23/19 11:00 PM	22447	242	1.46	ND	ND	ND	ND	ND	ND	ND	17.7	182
06/23/19 11:30 PM	22833	243	1.47	ND	ND	ND	ND	ND	ND	ND	17.2	182
06/24/19 12:00 AM	22690	240	1.46	ND	ND	ND	ND	ND	ND	ND	17.1	179

Daily Processed Summary (Average, Maximum)

Average	22778	253	1.51	BDL	0.00013	BDL	0.00045	BDL	BDL	BDL	17.3	176
Maximum Value	23729	264	1.56	BDL	0.00189	BDL	0.00948	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/24/19 12:30 AM	22920	241	1.47	ND	ND	ND	ND	ND	ND	ND	18.2	177
06/24/19 01:00 AM	22848	237	1.46	ND	ND	ND	ND	ND	ND	ND	16.7	182
06/24/19 01:30 AM	22679	240	1.47	ND	ND	0.00220	ND	ND	ND	ND	16.4	184
06/24/19 02:00 AM	22706	239	1.46	ND	ND	ND	ND	ND	ND	ND	14.1	187
06/24/19 02:30 AM	22361	248	1.49	ND	ND	ND	ND	ND	ND	ND	12.9	188
06/24/19 03:00 AM	21938	251	1.51	ND	ND	ND	ND	ND	ND	ND	10.6	192
06/24/19 03:30 AM	22570	251	1.51	ND	ND	ND	ND	ND	ND	ND	9.0	193
06/24/19 04:00 AM	22683	250	1.51	ND	ND	ND	ND	ND	ND	ND	8.5	194
06/24/19 04:30 AM	22735	252	1.51	ND	ND	ND	ND	ND	ND	ND	8.7	190
06/24/19 05:00 AM	22396	253	1.51	ND	ND	ND	ND	ND	ND	ND	10.9	189
06/24/19 05:30 AM	22033	255	1.51	ND	ND	ND	ND	ND	ND	ND	10.9	184
06/24/19 06:00 AM	21826	254	1.51	ND	0.00086	ND	ND	ND	ND	ND	11.4	183
06/24/19 06:30 AM	21949	254	1.51	ND	ND	ND	ND	ND	ND	ND	10.0	183
06/24/19 07:00 AM	21810	253	1.49	ND	ND	ND	ND	ND	ND	ND	12.3	179
06/24/19 07:30 AM	22026	252	1.50	ND	ND	ND	ND	ND	ND	ND	9.8	164
06/24/19 08:00 AM	22406	255	1.54	ND	ND	ND	ND	ND	ND	ND	7.7	105
06/24/19 08:30 AM	23012	257	1.53	ND	0.00085	ND	ND	ND	ND	ND	8.4	62
06/24/19 09:00 AM	17249	251	1.54	ND	ND	ND	ND	ND	ND	ND	19.3	52
06/24/19 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	19.3	58
06/24/19 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	16.9	205
06/24/19 10:30 AM	12653	151	1.19	ND	ND	ND	ND	ND	ND	ND	13.5	294
06/24/19 11:00 AM	15455	213	1.45	ND	ND	ND	ND	ND	ND	ND	13.7	300
06/24/19 11:30 AM	16789	256	1.56	ND	ND	ND	0.00827	ND	ND	ND	16.5	304
06/24/19 12:00 PM	17203	267	1.58	ND	ND	ND	0.00542	ND	ND	ND	19.6	294
06/24/19 12:30 PM	17227	271	1.58	ND	ND	ND	ND	ND	ND	ND	20.6	261
06/24/19 01:00 PM	18057	272	1.58	ND	ND	ND	ND	ND	ND	ND	22.9	259
06/24/19 01:30 PM	18710	271	1.58	ND	ND	ND	ND	ND	ND	ND	20.0	263
06/24/19 02:00 PM	19251	272	1.59	ND	ND	ND	ND	ND	ND	ND	17.8	261
06/24/19 02:30 PM	19271	272	1.58	ND	ND	ND	ND	ND	ND	ND	18.9	260
06/24/19 03:00 PM	19680	272	1.58	ND	ND	ND	ND	ND	ND	ND	16.5	260
06/24/19 03:30 PM	19995	272	1.57	ND	ND	ND	ND	ND	ND	ND	15.9	262
06/24/19 04:00 PM	20298	273	1.58	ND	ND	ND	ND	ND	ND	ND	13.6	264
06/24/19 04:30 PM	20359	273	1.58	ND	ND	ND	ND	ND	ND	ND	12.8	267
06/24/19 05:00 PM	20214	273	1.58	ND	ND	ND	ND	ND	ND	ND	11.0	253
06/24/19 05:30 PM	20077	273	1.59	ND	ND	ND	ND	ND	ND	ND	7.0	248
06/24/19 06:00 PM	19919	273	1.59	ND	ND	ND	ND	ND	ND	ND	7.4	233
06/24/19 06:30 PM	20350	271	1.57	ND	ND	ND	ND	ND	ND	ND	7.5	216
06/24/19 07:00 PM	19586	274	1.58	ND	ND	ND	ND	ND	ND	ND	7.3	222
06/24/19 07:30 PM	19484	274	1.58	ND	ND	ND	ND	ND	ND	ND	5.0	217
06/24/19 08:00 PM	19918	272	1.58	ND	ND	ND	ND	ND	ND	ND	4.8	230
06/24/19 08:30 PM	19056	270	1.58	ND	ND	ND	ND	ND	ND	ND	8.5	249
06/24/19 09:00 PM	18566	269	1.56	ND	0.00055	ND	0.00387	ND	ND	ND	16.7	249
06/24/19 09:30 PM	18534	269	1.57	ND	ND	ND	ND	ND	ND	ND	8.6	255
06/24/19 10:00 PM	18338	269	1.59	ND	ND	ND	ND	ND	ND	ND	7.1	252
06/24/19 10:30 PM	18573	270	1.58	ND	ND	ND	ND	ND	ND	ND	11.8	261
06/24/19 11:00 PM	19501	267	1.54	ND	ND	ND	ND	ND	ND	ND	12.4	267
06/24/19 11:30 PM	19890	262	1.52	ND	ND	ND	ND	ND	ND	ND	9.5	267
06/25/19 12:00 AM	20080	262	1.52	ND	ND	ND	ND	ND	ND	ND	11.1	267

## Daily Processed Summary (Average, Maximum)

Average	20113	258	1.53	BDL	0.00005	BDL	0.00041	BDL	BDL	BDL	7.8	236
Maximum Value	23012	274	1.59	BDL	0.00086	BDL	0.00827	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/25/19 12:30 AM	19997	263	1.52	ND	ND	ND	0.00192	ND	ND	ND	7.1	267
06/25/19 01:00 AM	19851	264	1.53	ND	0.00086	ND	ND	ND	ND	ND	3.9	294
06/25/19 01:30 AM	20115	267	1.67	ND	ND	ND	ND	ND	ND	ND	3.8	332
06/25/19 02:00 AM	19694	267	1.69	ND	ND	ND	ND	ND	ND	ND	4.2	320
06/25/19 02:30 AM	19596	266	1.76	ND	ND	ND	ND	ND	ND	ND	2.4	322
06/25/19 03:00 AM	19390	266	1.72	ND	ND	ND	ND	ND	ND	ND	4.1	326
06/25/19 03:30 AM	19115	263	1.77	ND	ND	ND	ND	ND	ND	ND	5.3	321
06/25/19 04:00 AM	18926	261	1.68	ND	ND	ND	ND	ND	ND	ND	5.8	324
06/25/19 04:30 AM	18768	258	1.67	ND	ND	ND	ND	ND	ND	ND	5.4	312
06/25/19 05:00 AM	18666	259	1.66	ND	ND	ND	ND	ND	ND	ND	4.9	300
06/25/19 05:30 AM	18493	261	1.63	ND	ND	ND	ND	ND	ND	ND	4.7	270
06/25/19 06:00 AM	18384	262	1.66	ND	ND	ND	ND	ND	ND	ND	5.1	330
06/25/19 06:30 AM	18306	263	1.65	ND	ND	ND	ND	ND	ND	ND	4.6	23
06/25/19 07:00 AM	18168	264	1.63	ND	ND	ND	ND	ND	ND	ND	5.7	23
06/25/19 07:30 AM	18385	264	1.61	ND	ND	ND	ND	ND	ND	ND	5.8	16
06/25/19 08:00 AM	18919	266	1.70	ND	ND	ND	ND	ND	ND	ND	3.6	31
06/25/19 08:30 AM	19396	270	1.64	ND	0.00215	ND	ND	ND	ND	ND	6.1	20
06/25/19 09:00 AM	19995	274	1.66	ND	0.00126	ND	ND	ND	ND	ND	6.8	36
06/25/19 09:30 AM	20474	275	1.68	ND	ND	ND	ND	ND	ND	ND	7.2	37
06/25/19 10:00 AM	20852	273	1.65	ND	ND	ND	0.00291	ND	ND	ND	7.7	45
06/25/19 10:30 AM	20925	269	1.61	ND	ND	ND	ND	ND	ND	ND	8.4	49
06/25/19 11:00 AM	18691	195	1.39	ND	ND	ND	ND	ND	ND	ND	6.9	57
06/25/19 11:30 AM	20384	254	1.53	ND	ND	ND	ND	ND	ND	ND	9.1	59
06/25/19 12:00 PM	15911	201	1.39	ND	ND	ND	ND	ND	ND	ND	7.5	94
06/25/19 12:30 PM	17189	249	1.54	ND	ND	ND	ND	ND	ND	ND	7.5	231
06/25/19 01:00 PM	18393	260	1.55	ND	0.00068	ND	ND	ND	ND	ND	7.2	130
06/25/19 01:30 PM	19143	266	1.55	ND	ND	ND	ND	ND	ND	ND	7.0	25
06/25/19 02:00 PM	19307	264	1.58	ND	ND	ND	ND	ND	ND	ND	8.2	39
06/25/19 02:30 PM	18818	269	1.57	ND	ND	ND	ND	ND	ND	ND	10.0	59
06/25/19 03:00 PM	18616	248	1.50	ND	0.00060	ND	ND	ND	ND	ND	13.6	60
06/25/19 03:30 PM	18235	257	1.52	ND	ND	ND	ND	ND	ND	ND	15.6	59
06/25/19 04:00 PM	17414	223	1.44	ND	ND	ND	ND	ND	ND	ND	13.0	63
06/25/19 04:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	9.1	67
06/25/19 05:00 PM	18416	239	1.48	ND	ND	ND	ND	ND	ND	ND	7.0	66
06/25/19 05:30 PM	18178	247	1.54	ND	ND	ND	ND	ND	ND	ND	6.9	65
06/25/19 06:00 PM	18716	255	1.52	ND	ND	ND	ND	ND	ND	ND	7.7	48
06/25/19 06:30 PM	18192	229	1.48	ND	ND	ND	ND	ND	ND	ND	7.2	33
06/25/19 07:00 PM	18995	252	1.54	ND	ND	ND	ND	ND	ND	ND	8.4	35
06/25/19 07:30 PM	18089	218	1.44	ND	ND	ND	ND	ND	ND	ND	11.7	129
06/25/19 08:00 PM	19138	255	1.57	ND	ND	ND	ND	ND	ND	ND	10.0	36
06/25/19 08:30 PM	18748	259	1.57	ND	ND	ND	ND	ND	ND	ND	9.7	36
06/25/19 09:00 PM	18659	261	1.60	ND	ND	ND	ND	ND	ND	ND	8.9	37
06/25/19 09:30 PM	18520	259	1.60	ND	ND	ND	ND	ND	ND	ND	9.8	41
06/25/19 10:00 PM	18373	261	1.57	ND	ND	ND	ND	ND	ND	ND	10.7	40
06/25/19 10:30 PM	17936	261	1.56	ND	ND	ND	ND	ND	ND	ND	11.8	41
06/25/19 11:00 PM	18144	261	1.58	ND	ND	ND	ND	ND	ND	ND	11.7	134
06/25/19 11:30 PM	18505	260	1.56	ND	ND	ND	ND	ND	ND	ND	11.4	346
06/26/19 12:00 AM	18554	261	1.53	ND	ND	ND	ND	ND	ND	ND	9.5	344

## Daily Processed Summary (Average, Maximum)

Average	18844	256	1.59	BDL	0.00012	BDL	0.00010	BDL	BDL	BDL	5.1	37
Maximum Value	20925	275	1.77	BDL	0.00215	BDL	0.00291	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/26/19 12:30 AM	18593	262	1.53	ND	ND	ND	ND	ND	ND	ND	8.1	346
06/26/19 01:00 AM	19007	261	1.53	ND	0.00075	ND	ND	ND	ND	ND	8.5	338
06/26/19 01:30 AM	19769	260	1.55	ND	0.00060	ND	ND	ND	ND	ND	8.7	318
06/26/19 02:00 AM	20047	261	1.54	ND	0.00053	ND	ND	ND	ND	ND	10.0	316
06/26/19 02:30 AM	20367	260	1.59	ND	ND	ND	0.00169	ND	ND	ND	7.6	315
06/26/19 03:00 AM	20565	260	1.54	ND	ND	ND	ND	ND	ND	ND	7.5	315
06/26/19 03:30 AM	20455	257	1.51	ND	ND	ND	ND	ND	ND	ND	10.9	316
06/26/19 04:00 AM	20765	257	1.50	ND	ND	ND	ND	ND	ND	ND	10.3	316
06/26/19 04:30 AM	20536	257	1.51	ND	ND	ND	ND	ND	ND	ND	10.2	315
06/26/19 05:00 AM	20174	258	1.51	ND	ND	ND	ND	ND	ND	ND	8.8	315
06/26/19 05:30 AM	20421	258	1.51	ND	ND	ND	0.00179	ND	ND	ND	8.6	314
06/26/19 06:00 AM	20784	257	1.50	ND	ND	ND	ND	ND	ND	ND	8.7	314
06/26/19 06:30 AM	21126	257	1.50	ND	0.00074	ND	ND	ND	ND	ND	7.8	314
06/26/19 07:00 AM	21417	257	1.51	ND	ND	ND	ND	ND	ND	ND	7.1	314
06/26/19 07:30 AM	21745	255	1.51	ND	ND	ND	ND	ND	ND	ND	9.3	315
06/26/19 08:00 AM	22058	252	1.50	ND	ND	ND	ND	ND	ND	ND	11.5	315
06/26/19 08:30 AM	22289	252	1.50	ND	ND	ND	ND	ND	ND	ND	10.8	316
06/26/19 09:00 AM	22421	251	1.49	ND	ND	ND	ND	ND	ND	ND	11.2	316
06/26/19 09:30 AM	22474	250	1.50	ND	ND	ND	ND	ND	ND	ND	10.1	316
06/26/19 10:00 AM	22626	251	1.50	ND	ND	ND	ND	ND	ND	ND	12.2	316
06/26/19 10:30 AM	22614	255	1.51	ND	ND	ND	ND	ND	ND	ND	14.0	319
06/26/19 11:00 AM	22414	258	1.51	ND	ND	ND	ND	ND	ND	ND	13.9	322
06/26/19 11:30 AM	22437	263	1.52	ND	ND	ND	ND	ND	ND	ND	14.9	319
06/26/19 12:00 PM	21963	262	1.52	ND	ND	ND	ND	ND	ND	ND	14.1	317
06/26/19 12:30 PM	21880	260	1.52	ND	ND	ND	ND	ND	ND	ND	12.5	324
06/26/19 01:00 PM	22115	259	1.52	ND	ND	ND	ND	ND	ND	ND	14.6	322
06/26/19 01:30 PM	21841	262	1.52	ND	ND	ND	0.00186	ND	ND	ND	16.5	320
06/26/19 02:00 PM	21420	264	1.52	ND	ND	ND	ND	ND	ND	ND	16.5	324
06/26/19 02:30 PM	21183	266	1.53	ND	ND	ND	ND	ND	ND	ND	16.2	329
06/26/19 03:00 PM	21248	265	1.52	ND	0.00083	ND	ND	ND	ND	ND	15.8	326
06/26/19 03:30 PM	21886	263	1.52	ND	0.00064	ND	ND	ND	ND	ND	15.6	325
06/26/19 04:00 PM	21892	262	1.53	ND	ND	ND	ND	ND	ND	ND	15.1	324
06/26/19 04:30 PM	21509	265	1.52	ND	ND	ND	ND	ND	ND	ND	16.1	327
06/26/19 05:00 PM	21971	263	1.52	ND	0.00466	ND	ND	ND	ND	ND	14.1	332
06/26/19 05:30 PM	21628	264	1.52	ND	ND	ND	ND	ND	ND	ND	12.6	338
06/26/19 06:00 PM	22001	262	1.52	ND	ND	ND	ND	ND	ND	ND	11.6	343
06/26/19 06:30 PM	22577	264	1.55	ND	ND	ND	ND	ND	ND	ND	10.8	345
06/26/19 07:00 PM	22328	263	1.53	ND	ND	ND	ND	ND	ND	ND	11.8	352
06/26/19 07:30 PM	22450	263	1.54	ND	ND	ND	ND	ND	ND	ND	9.7	297
06/26/19 08:00 PM	22515	261	1.55	ND	ND	ND	ND	ND	ND	ND	9.6	11
06/26/19 08:30 PM	22263	260	1.56	ND	ND	ND	ND	ND	ND	ND	8.5	16
06/26/19 09:00 PM	22223	256	1.57	ND	ND	ND	ND	ND	ND	ND	8.0	18
06/26/19 09:30 PM	22283	252	1.53	ND	ND	ND	ND	ND	ND	ND	8.0	20
06/26/19 10:00 PM	22410	250	1.53	ND	ND	ND	ND	ND	ND	ND	6.8	22
06/26/19 10:30 PM	22221	247	1.49	ND	ND	ND	ND	ND	ND	ND	9.3	21
06/26/19 11:00 PM	22265	242	1.50	ND	ND	ND	ND	ND	ND	ND	7.5	22
06/26/19 11:30 PM	22338	242	1.49	ND	ND	ND	ND	ND	ND	ND	7.8	23
06/27/19 12:00 AM	22311	247	1.50	ND	ND	ND	ND	ND	ND	ND	8.2	23

Daily Processed Summary (Average, Maximum)

Average	21580	258	1.52	BDL	0.00018	BDL	0.00011	BDL	BDL	BDL	10.2	330
Maximum Value	22626	266	1.59	BDL	0.00466	BDL	0.00186	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/27/19 12:30 AM	22163	246	1.50	ND	ND	ND	ND	ND	ND	ND	8.9	22
06/27/19 01:00 AM	22228	246	1.49	ND	ND	ND	ND	ND	ND	ND	7.1	22
06/27/19 01:30 AM	22194	245	1.48	ND	ND	ND	ND	ND	ND	ND	7.7	22
06/27/19 02:00 AM	22144	244	1.48	ND	ND	ND	ND	ND	ND	ND	6.9	22
06/27/19 02:30 AM	22228	244	1.48	ND	ND	ND	0.00202	ND	ND	ND	7.2	22
06/27/19 03:00 AM	22307	243	1.49	ND	0.00073	ND	ND	ND	ND	ND	7.2	22
06/27/19 03:30 AM	22523	245	1.49	ND	ND	ND	ND	ND	ND	ND	8.1	22
06/27/19 04:00 AM	22483	243	1.49	ND	0.00115	ND	0.00241	ND	ND	ND	7.7	22
06/27/19 04:30 AM	22432	243	1.49	ND	ND	ND	ND	ND	ND	ND	7.1	22
06/27/19 05:00 AM	22318	243	1.49	ND	ND	ND	ND	ND	ND	ND	7.9	22
06/27/19 05:30 AM	22225	246	1.49	ND	ND	ND	ND	ND	ND	ND	8.5	22
06/27/19 06:00 AM	22113	239	1.48	ND	ND	ND	ND	ND	ND	ND	5.9	22
06/27/19 06:30 AM	22080	240	1.49	ND	ND	ND	ND	ND	ND	ND	5.2	22
06/27/19 07:00 AM	22115	241	1.52	ND	ND	ND	ND	ND	ND	ND	4.0	22
06/27/19 07:30 AM	22451	246	1.56	ND	ND	ND	ND	ND	ND	ND	2.9	22
06/27/19 08:00 AM	22653	246	1.68	ND	ND	ND	ND	ND	ND	ND	4.2	22
06/27/19 08:30 AM	21821	255	1.58	ND	ND	ND	ND	ND	ND	ND	5.4	22
06/27/19 09:00 AM	22023	252	1.53	ND	ND	ND	ND	ND	ND	ND	5.6	22
06/27/19 09:30 AM	22521	255	1.56	ND	ND	ND	ND	ND	ND	ND	7.2	22
06/27/19 10:00 AM	22209	258	1.53	ND	ND	ND	ND	ND	ND	ND	7.1	22
06/27/19 10:30 AM	21933	262	1.53	ND	ND	ND	ND	ND	ND	ND	8.2	22
06/27/19 11:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.6	22
06/27/19 11:30 AM	21565	265	1.54	ND	ND	ND	ND	ND	ND	ND	8.7	22
06/27/19 12:00 PM	21331	264	1.53	ND	ND	ND	ND	ND	ND	ND	8.1	22
06/27/19 12:30 PM	21085	262	1.52	ND	ND	ND	ND	ND	ND	ND	9.0	22
06/27/19 01:00 PM	20907	264	1.54	ND	ND	ND	ND	ND	ND	ND	8.9	22
06/27/19 01:30 PM	20235	264	1.53	ND	ND	ND	ND	ND	ND	ND	9.4	22
06/27/19 02:00 PM	19402	265	1.52	ND	ND	ND	ND	ND	ND	ND	10.0	22
06/27/19 02:30 PM	19581	267	1.53	ND	ND	ND	ND	ND	ND	ND	11.0	22
06/27/19 03:00 PM	19552	268	1.55	ND	ND	ND	ND	ND	ND	ND	10.2	22
06/27/19 03:30 PM	19754	268	1.55	ND	ND	ND	ND	ND	ND	ND	11.6	22
06/27/19 04:00 PM	20738	269	1.56	ND	ND	ND	ND	ND	ND	ND	10.6	22
06/27/19 04:30 PM	21110	265	1.58	ND	0.00055	ND	ND	ND	ND	ND	9.8	22
06/27/19 05:00 PM	21282	262	1.57	ND	ND	ND	ND	ND	ND	ND	10.1	22
06/27/19 05:30 PM	21671	262	1.57	ND	ND	ND	ND	ND	ND	ND	9.7	22
06/27/19 06:00 PM	21275	257	1.54	ND	ND	ND	ND	ND	ND	ND	10.3	22
06/27/19 06:30 PM	21710	256	1.52	ND	ND	ND	ND	ND	ND	ND	8.8	22
06/27/19 07:00 PM	22144	254	1.55	ND	ND	ND	ND	ND	ND	ND	7.8	22
06/27/19 07:30 PM	21681	251	1.54	ND	ND	ND	ND	ND	ND	ND	9.5	22
06/27/19 08:00 PM	21622	252	1.52	ND	ND	ND	ND	ND	ND	ND	9.7	22
06/27/19 08:30 PM	21337	251	1.51	ND	ND	ND	ND	ND	ND	ND	10.2	22
06/27/19 09:00 PM	21175	250	1.51	ND	ND	ND	ND	ND	ND	ND	9.7	22
06/27/19 09:30 PM	21326	248	1.50	ND	ND	ND	ND	ND	ND	ND	9.7	22
06/27/19 10:00 PM	21139	248	1.50	ND	ND	ND	ND	ND	ND	ND	9.3	22
06/27/19 10:30 PM	21081	245	1.49	ND	ND	ND	ND	ND	ND	ND	9.9	22
06/27/19 11:00 PM	21013	242	1.47	ND	ND	ND	ND	ND	ND	ND	9.0	22
06/27/19 11:30 PM	20871	243	1.48	ND	ND	ND	ND	ND	ND	ND	8.6	22
06/28/19 12:00 AM	20618	245	1.48	ND	ND	ND	ND	ND	ND	ND	7.1	22

## Daily Processed Summary (Average, Maximum)

Average	21540	253	1.52	BDL	0.00005	BDL	0.00009	BDL	BDL	BDL	8.2	22
Maximum Value	22653	269	1.68	BDL	0.00115	BDL	0.00241	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/28/19 12:30 AM	20588	244	1.48	ND	ND	ND	ND	ND	ND	ND	7.1	23
06/28/19 01:00 AM	20758	245	1.49	ND	ND	ND	ND	ND	ND	ND	5.6	23
06/28/19 01:30 AM	20849	247	1.54	ND	ND	ND	ND	ND	ND	ND	5.0	23
06/28/19 02:00 AM	21117	248	1.61	ND	ND	ND	ND	ND	ND	ND	5.5	23
06/28/19 02:30 AM	21277	247	1.58	ND	ND	ND	ND	ND	ND	ND	6.2	23
06/28/19 03:00 AM	21351	247	1.52	ND	0.00089	ND	ND	ND	ND	ND	7.0	23
06/28/19 03:30 AM	21178	245	1.49	ND	0.00086	ND	ND	ND	ND	ND	6.8	23
06/28/19 04:00 AM	21002	247	1.50	ND	ND	ND	ND	ND	ND	ND	6.0	23
06/28/19 04:30 AM	21059	249	1.58	ND	ND	ND	ND	ND	ND	ND	3.5	23
06/28/19 05:00 AM	20853	246	1.71	ND	ND	ND	ND	ND	ND	ND	2.2	23
06/28/19 05:30 AM	21077	250	1.68	ND	ND	ND	ND	ND	ND	ND	1.9	20
06/28/19 06:00 AM	20944	243	1.59	ND	ND	ND	ND	ND	ND	ND	1.5	129
06/28/19 06:30 AM	21315	250	1.59	ND	ND	ND	ND	ND	ND	ND	2.5	41
06/28/19 07:00 AM	21211	249	1.67	ND	ND	ND	ND	ND	ND	ND	3.4	49
06/28/19 07:30 AM	21110	257	1.73	ND	ND	ND	ND	ND	ND	ND	4.4	49
06/28/19 08:00 AM	21053	261	1.84	ND	ND	ND	ND	ND	ND	ND	3.0	49
06/28/19 08:30 AM	21480	259	1.76	ND	ND	ND	ND	ND	ND	ND	3.0	49
06/28/19 09:00 AM	22003	258	1.72	ND	ND	ND	ND	ND	ND	ND	3.0	49
06/28/19 09:30 AM	21735	244	1.59	ND	ND	ND	ND	ND	ND	ND	3.4	49
06/28/19 10:00 AM	21140	223	1.56	ND	ND	ND	ND	ND	ND	ND	4.2	49
06/28/19 10:30 AM	20813	258	1.53	ND	ND	ND	ND	ND	ND	ND	5.7	49
06/28/19 11:00 AM	20093	262	1.53	ND	ND	ND	ND	ND	ND	ND	6.7	49
06/28/19 11:30 AM	20794	256	1.53	ND	ND	ND	ND	ND	ND	ND	5.3	49
06/28/19 12:00 PM	17872	179	1.39	ND	ND	ND	ND	ND	ND	ND	4.3	49
06/28/19 12:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.1	49
06/28/19 01:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.6	49
06/28/19 01:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.2	49
06/28/19 02:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.5	49
06/28/19 02:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.3	49
06/28/19 03:00 PM	20193	246	1.47	ND	ND	ND	ND	ND	ND	ND	7.2	49
06/28/19 03:30 PM	20255	246	1.47	ND	ND	ND	ND	ND	ND	ND	8.3	49
06/28/19 04:00 PM	18869	208	1.37	ND	ND	ND	ND	ND	ND	ND	7.2	49
06/28/19 04:30 PM	20404	256	1.51	ND	ND	ND	ND	ND	ND	ND	7.5	49
06/28/19 05:00 PM	20065	261	1.53	ND	ND	ND	ND	ND	ND	ND	7.0	49
06/28/19 05:30 PM	20795	268	1.54	ND	ND	ND	ND	ND	ND	ND	8.1	49
06/28/19 06:00 PM	21173	267	1.53	ND	ND	ND	ND	ND	ND	ND	7.8	49
06/28/19 06:30 PM	21123	266	1.53	ND	ND	ND	ND	0.00567	ND	ND	8.1	49
06/28/19 07:00 PM	21305	262	1.51	ND	ND	ND	ND	ND	ND	ND	7.5	49
06/28/19 07:30 PM	21268	262	1.52	ND	ND	ND	ND	ND	ND	ND	7.2	49
06/28/19 08:00 PM	21142	265	1.53	ND	ND	ND	ND	ND	ND	ND	6.6	49
06/28/19 08:30 PM	20986	264	1.52	ND	ND	ND	ND	ND	ND	ND	6.1	49
06/28/19 09:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.8	49
06/28/19 09:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.5	49
06/28/19 10:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.4	49
06/28/19 10:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.2	49
06/28/19 11:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.5	49
06/28/19 11:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.3	49
06/29/19 12:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	3.2	49

Daily Processed Summary (Average, Maximum)

Average	20840	250	1.56	BDL	0.00004	BDL	BDL	0.00012	BDL	BDL	5.5	44
Maximum Value	22003	268	1.84	BDL	0.00089	BDL	BDL	0.00567	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	GHG6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD_AVE (mph)	WDIR_AVE (deg)
06/30/19 12:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.8	45
06/30/19 01:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.4	45
06/30/19 01:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.1	45
06/30/19 02:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.2	45
06/30/19 02:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.1	45
06/30/19 03:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	8.1	45
06/30/19 03:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.1	45
06/30/19 04:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	7.8	45
06/30/19 04:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	11.4	45
06/30/19 05:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	9.3	45
06/30/19 05:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	8.2	45
06/30/19 06:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.4	45
06/30/19 06:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	3.7	45
06/30/19 07:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	2.0	45
06/30/19 07:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	2.8	45
06/30/19 08:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.5	45
06/30/19 08:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.5	45
06/30/19 09:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.0	45
06/30/19 09:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	2.7	45
06/30/19 10:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	2.4	45
06/30/19 10:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.2	45
06/30/19 11:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.2	45
06/30/19 11:30 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.0	45
06/30/19 12:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.2	45
06/30/19 12:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	8.2	45
06/30/19 01:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.0	45
06/30/19 01:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.1	45
06/30/19 02:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	3.5	45
06/30/19 02:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.0	45
06/30/19 03:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.7	45
06/30/19 03:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.6	45
06/30/19 04:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	4.6	45
06/30/19 04:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	5.5	49
06/30/19 05:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.0	55
06/30/19 05:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.4	55
06/30/19 06:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	6.9	55
06/30/19 06:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	10.3	55
06/30/19 07:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	12.5	55
06/30/19 07:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	11.5	55
06/30/19 08:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	10.2	55
06/30/19 08:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	9.2	55
06/30/19 09:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	8.7	55
06/30/19 09:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	10.7	55
06/30/19 10:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	10.8	55
06/30/19 10:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	13.7	55
06/30/19 11:00 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	13.9	55
06/30/19 11:30 PM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	12.6	55
07/01/19 12:00 AM	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline		

Daily Processed Summary (Average, Maximum)

Average											6.9	50
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected